conferenceseries.com
1005th Conference

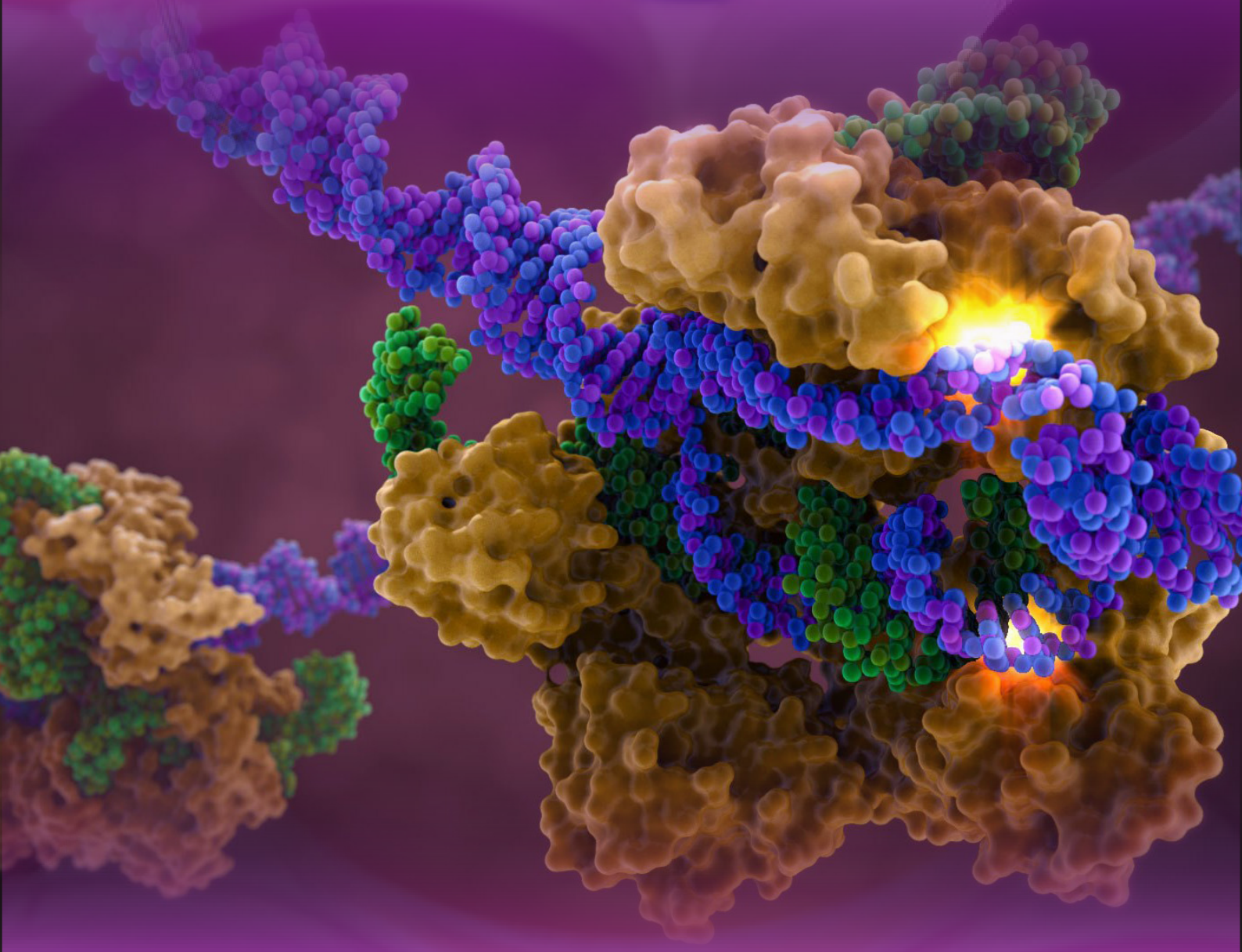
June 2017 Volume 8, Issue 2
ISSN: 2157-7412
Journal of Genetic Syndromes & Gene Therapy: Open access

Proceedings of

2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK



Conference Series - America
One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
P: +1-702-508-5200, F: +1-650-618-1417

Conference Series - UK
Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +1-800-014-8923

Scientific Program

Rare Diseases Congress 2017

Day 1 June 29, 2017

09:00-09:30 Registrations

Kingsley Suite

conferenceseries.com 09:30-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:40	Introduction **Title: Innovative tools for drug development and disease modeling** **Danilo A Tagle**, National Institutes of Health, USA
10:40- 11:20	**Title: Clinical course and outcomes of critically ill patients with middle east respiratory syndrome coronavirus infection** **Abdulaziz Aldawood**, King Saud Bin Abdulaziz University, Saudi Arabia

Group Photo

Network & Refreshment Break 11:20-11:40 @ Foyer

Sessions: Pediatric Rare Diseases | Therapies for Rare Diseases | Other Rare Diseases | Current Research on Rare Diseases | Rare Diseases of Immune System | Genetic Diseases and Disorders

Session Chair: Nadia Ameen, Yale University School of Medicine, USA
Session Co-chair: Wei Zheng, National Institutes of Health, USA

Session Introduction

11:40-12:10	**Title: Ion transport defects in microvillus inclusion disease** **Nadia Ameen,** Yale University School of Medicine, USA
12:10-12:40	**Title: Drug repurposing screen for rapid identification of therapeutics for Zika virus infection** **Wei Zheng,** National Institutes of Health, USA
12:40-13:10	**Title: Neglected tropical diseases: Road to control, elimination and eradication by 2020** **Diego-Abelardo Alvarez-Hernandez,** Anahuac University, Mexico

Lunch Break 13:10-14:10 @ Restaurant

Workshop

14:10- 14:50	**Title: Development of orphan medical products** **Martine Zimmermann,** Alexion Pharmaceuticals Inc, Switzerland
14:50-15:20	**Title: Treatment of early onset scoliosis associated with rare disease** **Stefano Giacomini,** Rizzoli Orthopaedic Institute, Italy
15:20- 15:50	**Title: Retrodifferentiation in the treatment of a rare condition: Acquired aplastic anaemia** **Ilham Abuljadayel,** TriStem Corp Ltd, UK
15:50- 16:20	**Title: Current challenges on chagas disease** **Jorge-Alberto Ascencio-Aragón,** Anahuac University, Mexico

Network & Refreshment Break 16:20-16:40 @ Foyer

16:40- 17:10	**Title: Pathway-centric analysis of rare autoinflammatory diseases (AID) and drug repurposing** **Patrick J Tighe,** University of Nottingham, U.K
17:10- 17:40	**Title: Consulting for a combination of molecular defects for variable expression** **Yingjun Xie,** The Third Affiliated Hospital of Guangzhou Medical University, China

Panel Discussion

Day 2 June 30, 2017

Kingsley Suite

Keynote Forum

10:00-10:45	**Title: Neurofibromatosis and spinal deformities: The severity in pediatric age and treatment** **Stefano Giacomini,** Rizzoli Orthopedic Institute, Italy

Network & Refreshment Break 10:45- 11:05 @ Foyer

Sessions: Rare Hereditary Diseases | Rare Ophthalmological Diseases | Genetic Diseases and Disorders | Strategies for Diagnosis &Treatment | Undiagnosed Rare Diseases

Session Chair: Patrick J Tighe, University of Nottingham, UK

Session Introduction

11:05-11:35	**Title: Paracrine action of human mesenchymal stem cells for muscle diseases** **Jong Wook Chang,** Samsung Medical Center, South Korea
11:35- 12:05	**Title: Splice modulation therapy for inherited retinal diseases** **Rob W J Collin,** Radboud University Medical Center, Netherlands
12:05- 12:35	**Title: Management of rare diseases: An integrated approach to break down barriers and facilitate patient access to healthcare** **Gayathri Balasubramanian,** Focus Scientific Research CenterPhamax, India

Lunch Break 12:35-13:35 @ Restaurant

13:35- 14:05	**Title: The diagnostic challenge of rare diseases: Lack of knowledge or leaking method?** **Shmuel Prints,** Clalit Health Service, Israel
14:05- 14:35	**Title: Hereditary spastic paraplegias phenotype constitute part of broader rare genetic mendelian inherited disorders** **Alice Abdel Aleem,** Weill Cornell Medical College, Qatar

Poster Presentations

RDC-01	**Title: Patients without diagnosis: A profile** **Isabelle Windheuser,** University Hospital Bonn, Germany
RDC-02	**Title: Interdisciplinary competence unit for patients without diagnosis** **Larissa Wester,** University Hospital Bonn, Germany
RDC-03	**Title: Sclerosing angiomatoid nodular transformation of the spleen: An unusual finding in paediatric population** **Godwin Oligbu,** St Georges Hospital London, UK

Network & Refreshment Break @ Foyer

Award & Closing Ceremony

Bookmark your dates

4th world Congress on

Rare Diseases and Orphan Drugs

June 11-12, 2018 Dublin, Ireland

E-mail: rarediseasecongress@infectiousconferences.com; rarediseasescongress@conferenceseries.net

Website: rarediseases.conferenceseries.com/europe

List of Open Access Journals

Agri, Food & Aqua

Advances in Crop Science and Technology	2329-8863
Advances in Dairy Research	2329-888X
Agrotechnology	2168-9881
Aquaculture Research & Development	2155-9546
Arabidopsis C. Elegans and Zebrafish	-
Biofertilizers & Biopesticides	2155-6202
Crop Research	2454-1761
Experimental Food Chemistry	-
Fisheries & Livestock Production	2332-2608
Fisheries and Aquaculture Journal	2150-3508
Fisheriessciences	1307-234X
Food & Industrial Microbiology	-
Food & Nutritional Disorders	2324-9323
Food Processing & Technology	2157-7110
Food: Microbiology, Safety & Hygiene	-
Forest Research	2168-9776
Horticulture	2376-0354
International Biodiversity, Bioprospecting and Development	2376-0214
Marine Science: Research & Development	2155-9910
Medicinal & Aromatic Plants	2167-0412
Nutrition & Food Sciences	2155-9600
Plant Pathology & Microbiology	2157-7471
Poultry, Fisheries & Wildlife Sciences	2375-446X
Probiotics & Health	2329-8901
Research & Reviews: Journal of Agriculture and Allied Sciences	2347-226X
Research & Reviews: Journal of Food and Dairy Technology	2321-6204
Rice Research	2375-4338
Traditional Medicine and Clinical Naturopathy (Homeopathy & Ayurvedic Medicine-2167-1206)	-

Business & Management

Accounting & Marketing	2168-9601
Arabian Journal of Business and Management Review	2223-5833
Business & Financial Affairs	2167-0234
Business & Hotel Management	2324-9129
Business and Economics Journal	2151-6219
Defense Studies & Resource Management	2324-9314
Entrepreneurship & Organization Management	2169-026X
Global Economics	2375-4389
Hotel & Business Management	2169-0286
International Journal of Accounting Research	-
International Journal of Economics and Management Science	2162-6359
Internet Banking & Commerce	1204-5357
Review of Public Administration and Management	2315-7844
Stock & Forex Trading	2168-9458
Tourism & Hospitality	2167-0269

Chemical Engineering

Advanced Chemical Engineering	2090-4568
Bioprocessing & Biotechniques	2155-9821
Chemical Engineering & Process Technology	2157-7048
Thermodynamics & Catalysis	2157-7544

Chemistry

Analytical & Bioanalytical Techniques	2155-9872
Analytical & Electrochemical Insights	-
Bioenergetics: Open Access	2167-7662
Chemical Informatics	-
Chemical Sciences Journal	2150-3494
Chromatography & Separation Techniques	2157-7064
Clinical & Medical Biochemistry: Open Access	-
Clinical Chemistry: Open Access	-
Environmental & Analytical Toxicology	2161-0525
Environmental Analytical Chemistry	-
Glycobiology	2168-958X
Herbal Medicine: Open Access	-
Immuno Chemistry: Open Access	-
Industrial Chemistry: Open Access	-
International Journal of Applied Biology and Pharmaceutical Technology	0976-4550
International Journal of Drug Development & Research	0975-9344
Mass Spectrometry: Open Access	-
Medicinal Chemistry	2161-0444
Modern Chemistry & Applications	2329-6798
Natural Products Chemistry & Research Journal	2329-6836
Neuro Chemistry: Open Access	-
Organic & Inorganic Chemistry	-
Organic Chemistry: Current Research	2161-0401
Pharmaceutical Analytical Chemistry: Open Access	-
Physical Chemistry & Biophysics	2161-0398
RROIJ: Medicinal Chemistry	-
Structural Chemsitry & Crystallography Communication	-
Trends in Green Chemistry	-
Vitamins & Minerals	2376-1318

Clinical

Ageing Science	2329-8847
Ancient Diseases & Preventive Remedies	2329-8731
Anesthesia & Clinical Research	2155-6148
Annals of Clinical and Laboratory Research	2386-5180
Arrhythmia: Open Access	-
Atherosclerosis: Open Access	-
Cell Biology: Research & Therapy	2324-9293
Cellular & Molecular Pathology	-
Clinical & Experimental Cardiology	2155-9880
Clinical & Experimental Dermatology Research	2155-9554
Clinical & Experimental Nephrology	-
Clinical & Experimental Oncology	2324-9110
Clinical & Experimental Ophthalmology	2155-9570
Clinical & Experimental Orthopaedics	-
Clinical & Experimental Pathology	2161-0681
Clinical & Molecular Endocrinology	-
Clinical and Experimental Psychology	-
Clinical and Experimental Transplantation	-
Clinical Case Reports	2165-7920
Clinical Depression	-
Clinical Dermatology Research Journal	-
Clinical Diabetes & Practice	-
Clinical Nutrition & Dietetics	-
Clinical Oncology and Practice	-
Clinical Pediatrics	-
Clinical Pediatrics & Dermatology	-
Clinical Psychiatry	-
Clinical Research & Bioethics	2155-9627
Clinical Research On Foot & Ankle	2329-910X
Clinical Respiratory: Open Access	-
Clinical Toxicology	2161-0495
Clinical Trials	2167-0870
Clinics in Mother and Child Health	2090-7214
Cosmetology & Orofacial Surgery	-
Cosmetology & Trichology	-
Dermatitis	-
Diabetes Case Reports	-
Dialysis and Clinical Practice	-
Drug Intoxication & Detoxification : Novel Approaches	2327-4557
Dual Diagnosis: Open Access	-
Eye & Cataract Refractive Surgery	-
Forensic Toxicology & Pharmacology	2325-9841
Glaucoma: Open Access	-
HIV & Retro Virus	-
Immunooncology	-
Insights in Pediatric Cardiology	-

Intensive and Critical Care	-
International Journal of Anesthesiology & Pain Medicine	-
International Journal of Cardiovascular Research	2324-8602
International Journal of Digestive Diseases	-
International Journal of Ophthalmic Pathology	2324-8599
Interventional Cardiology: Open Access	-
JBR Journal of Clinical Diagnosis and Research	2376-0311
Optometry: Open Access	-
Phonetics & Audiology	-
Speech Pathology & Therapy	-
Stem Cell Research & Therapy	2157-7633
Toxicology: Open Access	-
Vasculitis	-

Earth & Environmental Sciences

Advances in Recycling	-
Astrobiology & Outreach	2332-2519
Biodiversity & Endangered Species	2332-2543
Biodiversity Management & Forestry	2327-4417
Bioremediation & Biodegradation	2155-6199
Biosafety	2167-0331
Climatology & Weather Forecasting	2332-2594
Coastal Zone Management	-
Earth Science & Climatic Change	2157-7617
Ecosystem & Ecography	2157-7625
Entomology, Ornithology & Herpetology	2161-0983
Expert Opinion On Environmental Biology	2325-9655
Fundamentals of Renewable Energy and Applications	2090-4541
Geography & Natural Disasters	2167-0587
Geoinformatics & Geostatistics: An Overview	2327-4581
Geology & Geosciences	2329-6577
Geophysics & Remote Sensing	2169-0049
Hydrogeology & Hydrologic Engineering	2325-9647
Hydrology: Current Research	2157-7587
Industrial Pollution Control	-
Innovative Energy Policies	2090-5009
International Journal of Evolution	2324-8548
International Journal of Waste Resources	2252-5211
Marine Biology & Oceanography	2324-8661
Oceanography: Open Access	2332-2632
Oil & Gas: Open Access	-
Petroleum & Environmental Engineering	2157-7463
Plant Physiology & Pathology	2329-955X
Pollution Effects & Control	2375-4397
Research & Reviews: Journal of Ecology and Environmental Sciences	-

EEE

Electrical & Electronic Systems	2332-0796
Electrical Engineering & Electronic Technology	2325-9833

Engineering

Advances in Automobile Engineering	2167-7670
Advances in Robotics & Automation	2168-9695
Aeronautics & Aerospace Engineering	2168-9792
Applied Bioinformatics & Computational Biology	2329-9533
Applied Mechanical Engineering	2168-9873
Architectural Engineering Technology	2168-9717
Automatic Control of Physiological State and Function	2090-5092
Biochips & Tissue Chips	2153-0777
Bioengineering & Biomedical Science	2155-9538
Biomusical Engineering	2090-2719
Biosensors & Bioelectronics	2155-6210
Biosensors Journal	2090-4967
Civil & Environmental Engineering	2165-784X
Computer Engineering & Information Technology	2324-9307
Computer Engineering and Information Technology	2324-9307
Defense Management	2167-0374
Fashion Technology & Textile Engineering	2329-9568
Global Journal of Technology and Optimization	2229-8711
Global Research in Computer Science	2229-371X
Industrial Engineering & Management	2169-0316
Information Technology & Software Engineering	2165-7866
International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2278-8875
International Journal of Advancements in Technology	0976-4860
International Journal of Biomedical Data Mining	2090-4924
International Journal of Innovative Research in Computer and Communication Engineering	2278-1021
International Journal of Innovative Research in Science, Engineering and Technology	2319-8753
International Journal of Sensor Networks and Data Communications	2090-4886
International Journal of Swarm Intelligence and Evolutionary Computation	2090-4908
Irrigation & Drainage Systems Engineering	2168-9768
Lasers, Optics & Photonics	-
Lovotics	2090-9888
Membrane Science & Technology	2155-9589
Molecular Imaging & Dynamics	2155-9937
Nuclear Energy Science & Power Generation Technology	2325-9809
Research & Reviews: Journal of Engineering and Technology	2319-9873
Steel Structures & Construction	-
Telecommunications System & Management	2167-0919
Textile Science & Engineering	2165-8064

General Science

Computer Science & Systems Biology Journal	0974-7230
Ergonomics	2165-7556
Research and Development	-
International Journal of Advance Innovations, Thoughts & Ideas	2277-1891
Metrology	-
Research & Reviews: Journal of Botanical Sciences	2320-0189
Research & Reviews: Journal of Chemistry	2319-9849
Tomography	-

Genetics & Molecular Biology

Advanced Techniques in Biology & Medicine	2379-1764
Advancements in Genetic Engineering	2169-0111
Advances in Molecular Diagnostics	-
Biochemistry & Analytical Biochemistry	2161-1009
Biochemistry & Molecular Biology Journal	-
Biochemistry & Physiology	2329-9029
Biological Systems	2329-6577
Biotechnology & Biomaterials	2155-952X
Bipolar Disorder: Open Access	-
Cell & Developmental Biology	2168-9296
Cell Science & Therapy	2157-7013
Cell Signaling	-
Cellular & Molecular Medicine: Open Access	-
Chemical Biology & Therapeutics	-
Clinical Epigenetics	-
Cloning & Transgenesis	2168-9849
Current Synthetic and Systems Biology	2332-0737
Cytology & Histology	2157-7099
Down Syndrome & Chromosome Abnormalities	-
Electronic Journal of Biology	-
Enzyme Engineering	2329-6674
Fertilization: in Vitro	2375-4508
Fungal Genomics & Biology	2165-8056
Gene Technology	2329-6682
Genetic Syndromes & Gene Therapy	2157-7412
Hereditary Genetics: Current Research	2161-1041
Human Genetics & Embryology	2161-0436
Insights in Cell Science	-
Insights in Stem Cells	-
International Journal of Genomic Medicine	2332-0672
Metabolomics: Open Access	2153-0769
Metabonomics & Metabolites	2325-9736
Microbial & Biochemical Technology	1948-5948
Microbial Methods & Assays Open Access	-
Molecular and Genetic Medicine	1747-0862
Molecular Biology	2168-9547
Molecular Biomarkers & Diagnosis	2155-9929
Molecular Cloning & Genetic Recombination	2325-9787
Nanomedicine & Biotherapeutic Discovery	2155-983X
Next Generation: Sequencing & Applications	-
Phylogenetics & Evolutionary Biology	2329-9002

Physiobiochemical Metabolism	2324-8793
Plant Biochemistry & Physiology	2329-9029
Proteomics & Enzymology	-
Single Cell Biology	2168-9431
Tissue Science & Engineering	2157-7552
Transcriptomics: Open Access	2329-8936
Translational Biomedicine	2172-0479

Health Care

Diversity and Equality and Health and Care	2049-5471
Health Care: Current Reviews	2375-4273
Health Science Journal	1791-809X
Pregnancy & Child Health	2376-127X
Primary Health Care	2167-1079
Quality in Primary Care	1479-1072
Tropical Diseases & Public Health	2329-891X
Women'S Health, Issues & Care	2325-9795

Immunology

Advances in Antibiotics & Antibodies	-
Allergy & Therapy	2155-6121
Autoimmune Diseases: Open Access	-
Clinical & Cellular Immunology	2155-9899
Cytokine Biology	-
Immunobiology	-
Immunogenetics: Open Access	-
Immunome Research	1745-7580
Immunotherapy: Open Access	-
Infectious Diseases & Immunological Techniques	2325-9752
Inflammatory Bowel Diseases & Disorders	-
Innate Immunity & Immunological Disorders	-
Interdisciplinary Journal of Microinflammation	-
Lupus: Open Access	-
Molecular Immunology	-
Osteoarthritis	-
Reproductive Immunology	-
Rheumatology: Current Research	2161-1149
Sarcoidosis	-
Vaccines & Vaccination	2157-7560

Informatics

Data Mining in Genomics & Proteomics	2153-0602
Glycomics and Lipidomics	2153-0637
Health & Medical Informatics	2157-7420
Proteomics & Bioinformatics	0974-276X
Theoretical and Computational Science	2376-130X

Materials Science

Bioceramics Developments and Applications	2090-5025
Material Sciences & Engineering	2169-0022
Nano Research & Applications	-
Nanomaterials & Molecular Nanotechnology	2324-8777
Nanomedicine & Nanotechnology	2157-7439
Plastic & Polymer Sciences	-
Powder Metallurgy & Mining	2168-9806
Research & Reviews: Journal of Material Sciences	2321-6212

Mathematics

Applied & Computational Mathematics	2168-9679
Biometrics & Biostatistics	2155-6180
Generalized Lie Theory and Applications	1736-4337
Physical Mathematics	2090-0902
Research & Reviews: Journal of Statistics and Mathematical Sciences	-

Medical

Abnormal and Behavioural Psychology	-
Acta Psychopathologica	-
Acta Rheumatologica	-
Addictive Behaviors , Therapy & Rehabilitation	2324-9005
Adenocarcinoma	-
Advances in Cancer Prevention	-
Advances in Genetic Engineering & Biotechnology	-
Advances in Weight Loss Management & Medical Devices	-
Aerobics & Fitness	-
Aesthetic & Reconstructive Surgery	-
Aids & Clinical Research	2155-6113
Air and Water Borne Diseases	2167-7719
Alternative & Integrative Medicine	2327-5162
Analgesia & Resuscitation : Current Research	2324-903X
Anaplastology	2161-1173
Anatomy & Physiology: Current Research	2161-0940
Andrology & Gynecology: Current Research	2327-4360
Andrology	2167-0250
Angiology: Open Access	2329-9495
Annals of Behavioural Science	-
Applied and Rehabilitation Psychology: Open Access	-
Archives in Cancer Research	2254-6081
Archives of Medicine	1989-5216
Archives of Surgical Oncology	-
Archivos De Medicina	1698-9465
Arthritis	2167-7921
Asthma and Bronchitis	-
Athletic Enhancement	2324-9080
Autacoids & Hormones	2161-0479
Biology and Medicine	0974-8369
Biomedical Engineering & Medical Devices	-
Biomedical Sciences	2254-609X
Bioterrorism & Biodefense	2157-2526
Blood	-
Blood & Lymph	2165-7831
Blood Disorders & Transfusion	2155-9864
Blood Pressure: Open Access	-
Bone Marrow Research	2329-8820
Bone Reports & Recommendations	-
Brain Tumors	-
Breast Cancer: Current Research	-
Cancer Biomarkers	-
Cancer Clinical Trials	-
Cancer Diagnosis	-
Cancer Medicine & Anticancer Drugs	-
Cancer Science & Therapy	1948-5956
Cancer Surgery	-
Carcinogenesis & Mutagenesis	2157-2518
Cardiovascular Diseases & Diagnosis	2329-9517
Cardiovascular Pathology: Open Access	-
Celiac Disease: Open Access	-
Cervical Cancer: Open Access	-
Chemotherapy	2167-7700
Chest Diseases	-
Childhood & Developmental Disorders	-
Childhood Obesity	-
Chronic Obstructive Pulmonary Disease: Open Access	-
Colorectal Cancer: Open Access	-
Communication Disorders, Deaf Studies & Hearing Aids	2375-4427
Community Medicine & Health Education	2161-0711
Complex Diseases and Treatment	-
Contraceptive Studies	-
Critical Care Obstetrics & Gynecology	-
Current Trends in Gynecologic Oncology	-
Dental Health: Current Research	-
Dental Implants and Dentures: Open Access	-
Dentistry	2161-1122
Depression and Anxiety	2167-1044
Dermatology Case Reports	-
Diabetes & Metabolism	2155-6156
Diabetes Medication and Care	-
Diabetic Complications and Medicine	-
Drug Abuse	-
Emergency Medicine	2165-7548
Endocrinology & Diabetes Research	-
Endocrinology & Metabolic Syndrome	2161-1017
Epidemiology: Open Access	2161-1165
Evidence based Medicine and Practice	-
Family Medicine & Medical Science Research	2327-4972
Forensic Biomechanics	2090-2697
Forensic Medicine	-

Forensic Nursing: Open Access	-
Forensic Odontology	-
Forensic Psychology	-
Forensic Research	2157-7145
Gastrointestinal & Digestive System	2161-069x
Gastrointestinal Cancer and Stromal Tumors	-
General Medicine	2327-5146
General Practice	2329-9126
Genetic Disorders & Genetic Reports	2327-5790
Genital System & Disorders	2325-9728
Geriatric Psychiatry	-
Gerontology & Geriatric Research	2167-7182
Gynecology & Obstetrics	2161-0932
Gynecology & Obstetrics- Case Report	-
Haematology & Thromboembolic Diseases	2329-8790
Hair: Therapy & Transplantation	2167-0951
Head and Neck Cancer Research	-
Health & Medical Economics	-
Health Care Communications	-
Health Economics & Outcome Research: Open Access	-
Health Education Research & Development (Biosafety & Health Education: Open Access-2332-0893)	-
Health Systems and Policy Research	2254-9137
Heart Transplant and Surgery	-
Heavy Metal & Chelation Therapy	-
Hepatology and Gastrointestinal Disorders	-
Hospital & Medical Management	-
Hypertension- Open Access	2167-1095
Hypo & Hyperglycemia	2327-4700
Imaging and Interventional Radiology	-
Medical Implants & Surgery	-
Informatics and Data Mining	-
Insights in Biomedicine	-
Insights in Medical Physics	-
Integrative Oncology	2329-6771
Internal Medicine	2165-8048
International Journal of Clinical & Medical Imaging	2376-0249
International Journal of Collaborative Research on Internal Medicine & Public Health	-
International Journal of Emergency Mental Health and Human Resilience	1522-4821
International Journal of Mental Health & Psychiatry	2327-4654
International Journal of Pediatric Neurosciences	-
International Journal of Physical Medicine & Rehabilitation	2329-9096
International Journal of Public Health and Safety	-
International Journal of School and Cognitive Psychology	-
Interventional Pediatrics	-
Invasive Cardiology Future Medicine	-
JBR Journal of Interdisciplinary Medicine and Dental Sciences	2376-032X
Kidney	-
Kidney Transplant	-
La Prensa Medica	0032-745X
Laser Surgery and Therapy	-
Leukemia	2329-6917
Liposuction	-
Liver	2167-0889
Liver: Disease & Transplantation	2325-9612
Lung Cancer Diagnosis & Treatment	-
Lung Diseases & Treatment	-
Malaria Control & Elimination	2090-2778
Maternal and Pediatric Nutrition	-
Medical & Surgical Pathology	-
Medical & Surgical Urology	2168-9857
Medical and Clinical Reviews	-
Medical Case Reports	-
Medical Diagnostic Methods	2168-9784
Medical Toxicology and Clinical Forensic Medicine	-
Melanoma and Skin Diseases	-
Mental Health in Family Medicine	2327-4972
Mental Illness and Treatment	-
Metabolic Syndrome	2167-0943
Molecular & Medical Histology	-
Molecular Medicine & Therapeutics	2324-8769
Neonatal Biology	2167-0897
Neonatal Studies	-
Neonatal Medicine	-
Neoplasm	-
Nephrology & Therapeutics	2161-0959
Neurobiotechnology	-
Neuroinfectious Diseases	2314-7326
Neurooncology: Open Access	-
Neurosurgery & Cardiac Surgery	-
Novel Physiotherapies	2165-7025
Nuclear Medicine & Radiation Therapy	2155-9619
Nutritional Disorders & Therapy	2161-0509
Obesity & Eating Disorders	-
Obesity & Weight Loss Therapy	2165-7904
Occupational Medicine Health Affairs	2329-6879
Omics Journal of Radiology	2167-7964
Oncology & Cancer Case Reports	-
Oncology Translational Research	-
Oral Health and Dental Management	2247-2452
Oral Health Case Reports	-
Oral Hygiene & Health	2332-0702
Orthodontics & Endodontics	-
Orthopedic & Muscular System: Current Research	2161-0533
Orthopedic Oncology	-
Osteoporosis & Physical Activity	2329-9509
Otolaryngology:Open Access	2161-119X
Otology & Rhinology	2324-8785
Pain & Relief	2167-0846
Pain Management & Medicine	-
Palliative Care & Medicine	2165-7386
Pancreatic Disorders & Therapy	2165-7092
Pediatric Care	-
Pediatric Dental Care	-
Pediatric Emergency Care and Medicine- Open Access	-
Pediatric Nephrology Practice	-
Pediatric Neurology and Medicine	-
Pediatric Nursing: Open Access	-
Pediatric Oncology: Open Access	-
Pediatric Physiotherapy	-
Pediatric Psychology and Psychiatry	-
Pediatrics & Therapeutics	2161-0665
Periodontics and Prosthodontics: Open Access	-
Pigmentary Disorders	2376-0427
Prevention Infection Control: Open Access	-
Preventive Medicine	-
Primary & Acquired Immunodeficiency Research	2324-853X
Prostate Cancer	-
Psoriasis & Rosacea Open Access	-
Psychiatry	2378-5756
Psychological Abnormalities in Children	2329-9525
Psychology & Psychotherapy	2161-0487
Pulmonary & Respiratory Medicine	2161-105x
Rare Disorders & Diseases	-
Regenerative Medicine	2325-9620
Reproductive Endocrinology & Infertility	-
Reproductive System & Sexual Disorders	2161-038x
Research & Reviews: Journal of Dental Sciences	2320-7949
Research & Reviews: Journal of Medical and Health Sciences	2319-9865
Research Journal of Biology	2322-0066
Sleep Disorders & Therapy	2167-0277
Sleep Disorders : Treatment & Care	2325-9639
Spine	2165-7939
Spine & Neurosurgery	2325-9701
Spine Research	-
Sports Medicine & Doping Studies	2161-0673
Sports Nutrition and Therapy	-
Steroids & Hormonal Science	2157-7536
Stroke Research & Therapy	-
Journal of Surgery [Jurnalul de Chirurgie]	1584-9341
Surgery: Current Research	2161-1076
The Headache Journal	-
The International Journal of Apitherapy	-
The Pancreas	1590-8577
Therapeutic Care and Physical Rehabilitation	-

Thrombosis and Circulation	-
Thyroid Disorders & Therapy	2167-7948
Translational Medicine	2161-1025
Transplant Reports : Open Access	-
Transplantation Technologies & Research	2161-0991
Trauma & Acute Care	-
Trauma & Treatment	2167-1222
Traumatic Stress Disorders & Treatment	2324-8947
Tropical Medicine & Surgery	2329-9088
Tumor Diagnostics and Reports	-
Universal Surgery	2254-6758
Vascular Medicine & Surgery	2329-6925
Vitiligo & Dermatomyositis	-
Voice Medicine & Surgery	-
Women's Health Care	2167-0420
Wound Medicine and Tissue Repair	-
Yoga & Physical Therapy	2157-7595

Microbiology

Advances in Influenza Research	-
Antimicrobial Agents	-
Antivirals & Antiretrovirals	1948-5964
Applied Microbiology: Open Access	-
Archives of Clinical Microbiology	1989-8436
Bacteriology and Parasitology	2155-9597
Clinical Infectious Diseases & Practice	-
Clinical Microbiology: Open Access	2327-5073
Colitis & Diverticulitis	-
Emerging Infectious Diseases	-
Fermentation Technology	2167-7972
Fibromyalgia: Open Access	-
Forensic Pathology	-
Hepatitis	-
Human Papillomavirus	-
Infectious Diseases and Diagnosis	-
Infectious Diseases and Therapy	2332-0877
Medical Microbiology & Diagnosis	2161-0703
Medical Mycology: Open Access	-
Meningitis	-
Mycobacterial Diseases	2161-1068
Pediatric Infectious Diseases: Open Access	-
Research & Reviews: Journal of Microbiology and Biotechnology	2320-3528
Research & Reviews: Journal of Inflammation	-
Research & Reviews: Journal of Pathology & Epidemiology	-
Virology & Mycology	2161-0517

Neuroscience

Addiction Research & Therapy	2155-6105
Alzheimers Disease & Parkinsonism	2161-0460
Autism-Open Access	2165-7890
Brain Disorders & Therapy	2168-975X
Child & Adolescent Behavior	2375-4494
Clinical & Experimental Neuroimmunology	-
Dementia & Mental Health	-
Epilepsy Journal	-
Insights in Clinical Neurology	-
International Journal of Neurorehabilitation	2376-0281
Multiple Sclerosis	2376-0389
Neurological Disorders	2329-6895
Neurology & Neurophysiology	2155-9562
Neurology and Neuroscience	2171-6625
Neuropsychiatry	-
Neuroscience & Clinical Research	-
Schizophrenia Journal	-

Health Care & Nursing

Advanced Practices in Nursing	-
Community & Public Health Nursing	-
Nursing & Care	2167-1168
Nursing & Clinical Research	-
Patient Care	-
Perioperative & Critical Intensive Care Nursing	-
Research & Reviews: Journal of Nursing and Health Sciences	-

Pharmaceutical Sciences

Advances in Pharmacoepidemiology & Drug Safety	2167-1052
Alcoholism & Drug Dependence	2329-6488
Bioanalysis & Biomedicine	1948-593X
Biochemistry & Pharmacology: Open Access Journal	2167-0501
Bioequivalence & Bioavailability	0975-0851
Biomarkers in Drug Development	2327-4441
Biomarkers Journal	-
Biomolecular Research & Therapeutics	2167-7956
Cardiovascular Pharmacology: Open Access	2329-6607
Clinical & Experimental Pharmacology	2161-1459
Clinical Pharmacology and Biopharmaceutics	2167-065X
Current Trends in Nutraceuticals	-
Developing Drugs	2329-6631
Diagnostic Techniques & Biomedical Analysis	-
Drug Designing: Open Access	2169-0138
Drug Metabolism & Toxicology	2157-7609
in Silico & in Vitro Pharmacology	-
Molecular Enzymology and Drug Targets	-
Molecular Pharmaceutics & Organic Process Research	2329-9053
Pharmaceutica Analytica Acta	2153-2435
Pharmaceutical Care & Health Systems	2376-0419
Pharmaceutical Microbiology	-
Pharmaceutical Regulatory Affairs: Open Access	2167-7689
Pharmaceutical Sciences & Emerging Drugs	-
Pharmaceutics & Drug Delivery Research	2325-9604
Pharmacoeconomics: Open Access	-
Pharmacogenomics and Pharmacoproteomics	2153-0645
Pharmacognosy & Natural Products	-
Pharmacokinetics & Experimental Therapeutics	-
Pharmacological Reports	-
Pharmacovigilance	2329-6887
Research & Reviews: Journal of Hospital and Clinical Pharmacy	-
Research & Reviews: Journal of Pharmaceutical Analysis	2320-0812
Research & Reviews: Journal of Pharmaceutical Quality Assurance	-
Research & Reviews: Journal of Pharmaceutics and Nanotechnology	2347-7857
Research & Reviews: Journal of Pharmacognosy and Phytochemistry	2321-6182
Research & Reviews: Journal of Pharmacy and Pharmaceutical Sciences	2320-1215
Virology & Antiviral Research	2324-8955

Physics

Astrophysics & Aerospace Technology	2329-6542
Research & Reviews: Journal of Pure and Applied Physics	2320-2459
Vortex Science and Technology	2090-8369

Social & Political Sciences

Anthropology	2332-0915
Arts and Social Sciences Journal	2151-6200
Civil & Legal Sciences	2169-0170
Forensic Anthropology	-
Global Media Journal	1550-7521
Intellectual Property Rights: Open Access	2375-4516
Mass Communication & Journalism	2165-7912
Political Science & Public Affairs	2332-0761
Research & Reviews: Journal of Educational Studies	-
Research & Reviews: Journal of Social Sciences	-
Socialomics	2167-0358
Sociology & Criminology	2375-4435

Veterinary Sciences

Animal Nutrition	-
Primatology	2167-6801
Research & Reviews: Journal of Veterinary Sciences	-
Research & Reviews: Journal of Zoological Sciences	2321-6190
Veterinary Science & Medical Diagnosis	2325-9590
Veterinary Science & Technology	2157-7579

Impact Factors* (IF)

Journal Name	Pubmed Short Name	Impact Factor
Biological Systems: Open Access	Biol Syst Open Access	0.76
Journal of Biotechnology & Biomaterials	J Biotechnol Biomater	1.94
Journal of Psychology & Psychotherapy	J Psychol Psychother	1.3
Advanced Techniques in Biology & Medicine	Adv Tech Biol Med	1.08
AIDS & Clinical Research	J AIDS Clin Res	2.7
Autism Open Access	Autism Open Access	3.52
Biochemistry & Physiology: Open Access	Biochem Physiol	1.03
Diversity Equality in Health & Care	Divers Equal Health Care	2.49
Drug Designing: Open Access	Drug Des	6
Fungal Genomics & Biology	Fungal Genom Biol	1.15
International Journal of Genomic Medicine	Int J Genomic Med	0.67
Journal of Addiction Research & Therapy	J Addict Res Ther	2.86
Journal of Alzheimers Disease & Parkinsonism	J Alzheimers Dis Parkinsonism	1.18
Journal of Fertilization: In Vitro	JFIV Reprod Med Genet	1
Journal of Genetic Syndromes & Gene therapy	J Genet Syndr Gene Ther	2.34
Journal of Microbial & Biochemical Technology	J Microb Biochem Technol	2.5
Journal of Nursing & Care	J Nurs Care	1.6
Journal of Osteoporosis and Physical Activity	J Osteopor Phys Act	0.66
Journal of Yoga & Physical Therapy	J Yoga Phys Ther	1.17
Molecular Biology	Mol Biol	1.85
Neurology & Neurophysiology	J Neurol Neurophysiol	0.77
Primary health care	Prim Health Care	1
Quality in Primary Care	Qual Prim Care	3.88
Tissue Science & Engineering	J Tissue Sci Eng	2.72
Biochemistry & Analytical Biochemistry	Biochem Anal Biochem	2.6
Molecular and Genetic Medicine	J Mol Genet Med	2.89
Advancements in Genetic Engineering	Adv Genet Eng	1
Enzyme Engineering	Enz Eng	2.3
Depression and Anxiety	J Depress Anxiety	1
Human Genetics & Embryology	Human Genet Embryol	1.2
Current Synthetic and Systems Biology	Curr Synthetic Sys Biol	0.8
Hereditary Genetics: Current Research	Hereditary Genet	1.2
International Journal of Emergency Mental Health and Human Resilience	Int J Emerg Ment Health	6.5
Spine	J Spine	1.9
Cloning & Transgenesis	Clon Transgen	1.5
Journal of Medical Microbiology & Diagnosis	J Med Microb Diagn	1.9
Biosensors Journal	Biosens J	0.33
Defense Management	J Def Manag	0.5
Review of Public Administration and Management	Review Pub Administration Manag	0.2
Single cell biology	Single Cell Biol	1
Gerontology & Geriatric Research	J Gerontol Geriatr Res	1
Neuroinfectious Diseases	J Neuroinfect Dis	2.4
Cell Science & Therapy	J Cell Sci Ther	1.37
Molecular Biomarkers & Diagnosis	J Mol Biomark Diagn	2.1
Brain Disorders & Therapy	Brain Disord Ther	1.6
Clinical Case Reports	J Clin Case Rep	1.2
Gene Technology	Gene Technol	0.83
Socialomics	J Socialomics	2.3
Journal of Trauma and Treatment	J Trauma Treat	0.6
Translational Biomedicine	Transl Biomed	1.06
Journal of Neurology and Neuroscience	J Neurol Neurosci	0.88
Research & Reviews: Journal of Botanical Sciences	J Bot Sci	0.33
Journal of Psychiatry	J Psychiatry	2.32
Anaplastology	Anaplastology	0.73
Tropical Medicine & Surgery	Trop Med Surg	0.4
Orthopedic & Muscular System: Current Research	Orthop Muscular Syst	0.32
Pediatrics & Therapeutics	Pediat Therapeut	1.32
Sports Medicine & Doping Studies	J Sports Med Doping Stud	1.45
Journal of Oral Hygiene & Health	J Oral Hyg Health	0.52
Emergency Medicine	Emerg Med (Los Angel)	0.875
Journal of Transplantation Technologies & Research	J Transplant Technol Res	1.39
Journal of Hypertension: Open Access	J Hypertens (Los Angel)	0.92
International Journal of Waste Resources	Int J Waste Resour	1.95
Surgery: Current research	Surgery Curr Re	0.587
Oral Health and Dental Management	Oral Health Dent Manag	1.23
International Journal of Advancement technology	Int J Adv Tech	5.08
Translational Medicine	Transl Med (Sunnyvale)	1.312
Air and Water Borne Diseases	Air Water Borne Diseases	0.6
Journal of Coastal Zone Management	J Coast Zone Manag	0.54
Biology and Medicine	Biol Med (Aligarh)	3.07
Journal of Bioterrorism and Biodefense	J Bioterror Biodef	0.38
Journal of Tropical Diseases & Public Health	J Trop Dis	0.83
Journal of Surgery	Journal of Surgery [Jurnalul de chirurgie]	0.08
Nephrology & Therapeutics	J Nephrol Ther	0.318
Journal of Fundamentals of Renewable Energy and Applications	J Fundam Renewable Energy Appl	1.41
Advances in Pharmacoepidemiology & Drug Safety	Adv Pharmacoepidemiol Drug Saf	1.37
Bioanalysis & Biomedicine	J Bioanal Biomed	1.67
Biochemistry & Pharmacology: Open Access	Biochem Pharmacol (Los Angel)	2.09
Bioequivalence & Bioavailability	J Bioequiv Availab	1.88
Biomolecular Research & Therapeutics	J Biomol Res Ther	1.67
Cardiovascular Pharmacology: Open Access	Cardiol Pharmacol	1.77
Clinical & Experimental Pharmacology	Clin Exp Pharmacol	1.83
Clinical Pharmacology & Biopharmaceutics	Clin Pharmacol Biopharm	1.69
Data Mining in Genomics & Proteomics	J Data Mining Genomics Proteomics	2
Drug Metabolism & Toxicology	J Drug Metab Toxicol	1.37
Ergonomics	J Ergonomics	1.38
Glycomics & Lipidomics	J Glycomics Lipidomics	1.82
Health & Medical Informatics	J Health Med Inform	1.98
Metabolomics: Open Access	Metabolomics (Los Angel)	3.03
Nanomedicine & Biotherapeutic Discovery	J Nanomedine Biotherapeutic Discov	2.69
OMICS Journal of Radiology	OMICS J Radiol	0.54
Pharmaceutica Analytica Acta	Pharm Anal Acta	1.83
Pharmaceutical Regulatory Affairs: Open Access	Pharm Regul Aff	1.88
Pharmacogenomics & Pharmacoproteomics	J Pharmacogenomics Pharmacoproteomics	1.69
Pharmacovigilance	J Pharmacovigil	2.65
Phylogenetics & Evolutionary Biology	J Phylogenetics Evol Biol	2.76
Proteomics & Bioinformatics	J Proteomics Bioinform	2.55
Advances in Automobile Engineering	Adv Automob Eng	1.750
Advances in Robotics & Automation	Adv Robot Autom	0.813
Arts and Social Sciences Journal	Arts Social Sci J	1.231
Bioceramics Developments and Applications	Bioceram Dev Appl	0.958
Business & Financial Affairs	J Bus & Fin Aff	2.000
Generalized Lie Theory and Applications	J Generalized Lie Theory Appl	1.750
Irrigation & Drainage Systems Engineering	Irrigat Drainage Sys Eng	4.286
Industrial Engineering & Management	Ind Eng Manage	0.474
Aeronautics & Aerospace Engineering	J Aeronaut Aerospace Eng	1.407
Applied & Computational Mathematics	J Appl Computat Math	0.581
Architectural Engineering Technology	J Archit Eng Tech	1.071
Accounting & Marketing	J Account Mark	0.500
Aquaculture Research & Development	J Aquac Res Development	1.272
Bioengineering & Biomedical Science	J Bioeng Biomed Sci	1.235
Biometrics & Biostatistics	J Biomet Biostat	1.272
Biosensors & Bioelectronics	J Biosens Bioelectron	2.137
Civil & Environmental Engineering	J Civil Environ Eng	1.294
Cytology & Histology	J Cytol Histol	0.569
Civil & Legal Sciences	J Civil Legal Sci	0.286
Ecosystem & Ecography	J Ecosyst Ecogr	1.806
Electrical & Electronic Systems	J Elec Electron Syst	0.533
Earth Science & Climatic Change	J Earth Sci Clim Change	2.082
Geography & Natural Disasters	J Geogr Nat Disast	0.800
Hotel & Business Management	J Hotel Bus Manage	1.600
Information Technology & Software Engineering	J Inform Tech Soft Engg	2.789
Molecular Imaging & Dynamics	J Mol Imaging Dynam	2.091

Earth Science & Climatic Change	J Earth Sci Clim Change	2.082
Geography & Natural Disasters	J Geogr Nat Disast	0.800
Hotel & Business Management	J Hotel Bus Manage	1.600
Information Technology & Software Engineering	J Inform Tech Soft Engg	2.789
Molecular Imaging & Dynamics	J Mol Imaging Dynam	2.091
Petroleum & Environmental Engineering	J Pet Environ Biotechnol	2.839
Stock & Forex Trading	J Stock Forex Trad	0.300
Textile Science & Engineering	J Textile Sci Eng	0.667
Tourism & Hospitality	J Tourism Hospit	1.190
Telecommunications System & Management	J Telecommun Syst Manage	0.800
Physical Mathematics	J Phys Math	4.500
Nanomedicine & Nanotechnology	J Nanomed Nanotechnol	4.68
Arabian Journal of Business and Management Review	Arab J Bus Manage Rev	1.42
Research and Reviews: Journal of Engineering and Technology	Engineering and Technology	0.14
Journal of Material Sciences & Engineering	J Material Sci Eng	1.31
Journal of Mass Communication & Journalism	J Mass Communicat Journalism	0.62
Journal of Powder Metallurgy & Mining	J Powder Metall Min	0.71
Journal of Applied Mechanical Engineering	J Appl Mech Eng	1.65
Archives of Clinical Microbiology		0.35
Dentistry	Dentistry	1.22
Journal of Diabetes & Metabolism	J Diabetes Metab	1.77
Otolaryngology: Current Research	Otolaryngol (Sunnyvale)	0.22
Journal of Metabolic Syndrome	J Metabolic Synd	1.27
Journal of Primatology	J Primatol	0.53
Journal of Thyroid Disorders & Therapy	Thyroid Disorders Ther	0.43
Jounal of Novel Physiotherapies	J Nov Physiother	1.24
Journal of Stem Cell Research & Therapy	J Stem Cell Res Ther	2.78
Anatomy & Physiology: Current Research	Anat Physiol	1
Pancreatic Disorders & Therapy	Pancreat Disord Ther	0.54
Journal of Cancer Science & Therapy	J Cancer Sci Ther	4.203
Journal of Biomedical Sciences		0.2
Journal of Nutritional Disorders & Therapy	J Nutr Disord Ther	1.46
Medical & Surgical Urology	Med Surg Urol	0.3
Journal of Biochips & Tissue Chips	J Biochip Tissue Chip	1.7
Journal of Liver	J Liver	0.08
Journal of Family Medicine and Medical Research	Fam Med Med Sci Res	0.78
Gynecology & Obstetrics	Gynecol Obstet (Sunnyvale)	0.52
Journal of Integrative Oncology	J Integr Oncol	1.67
Journal of Neonatal Biology	J Neonatal Biol	0.55
Journal of Glycobiology	J Glycobiology	0.8
Journal of Blood & Lymph	J Blood Lymph	0.12
Journal of Arthritis	J Arthritis	1.87
Journal of Membrane Science & Technology	J Membra Sci Technol	1.18
Medicinal Chemistry	Med Chem (Los Angeles)	2.64
Journal of Physical Chemistry & Biophysics	J Phys Chem Biophys	0.75
Organic Chemistry: Current Research	Organic Chem Curr Res	1.94
Journal of Bioprocessing & Biotechniques	J Bioprocess Biotech	1.74
Journal of Environmental & Analytical Toxicology	J Environ Anal Toxicol	2.58
Journal of Chemical Engineering & Process Technology	J Chem Eng Process Technol	1.21
Journal of Computer Science & Systems Biology	J Comput Sci Syst Biol	1.62
Journal of Analytical & Bioanalytical Techniques	J Anal Bioanal Tech	2.16
Journal of Plant Biochemistry & Physiology	J Plant Biochem Physiol	2.28
Journal of Chromatography & Separation Techniques	J Chromatogr Sep Tech	1.78
Journal of Thermodynamics & Catalysis		0.91
Community Medicine & Health Education	J Community Med Health Educ	1.27
Epidemiology: Open Access	Epidemiology (Sunnyvale)	1.35
Obesity & Weight Loss Therapy	J Obes Weight Loss Ther	0.94
Pain & Relief	J Pain Relief	1.14
Palliative Care & Medicine	J Palliat Care Med	0.88
Steroids & Hormonal Science	J Steroids Horm Sci	0.65
Gastrointestinal & Digestive System	J Gastrointest Dig Syst	0.43
Hair: Therapy & Transplantation		0.6
Andrology	Andrology (Los Angel)	1.16
Endocrinology & Metabolic Syndrome	Endocrinol Metab Syndr	1.12
Internal Medicine		2.48
Sleep Disorders & Therapy	J Sleep Disord Ther	0.5
Nuclear Medicine & Radiation Therapy	J Nucl Med Radiat Ther	0.88
Alternative & Integrative Medicine	Altern Integr Med	1.11
Pulmonary & Respiratory Medicine	J Pulm Respir Med	1.01
Occupational Medicine Health Affairs	Occup Med Health Aff	0.85
Reproductive System & Sexual Disorders	Reprod Syst Sex Disord	1.25
Medical Diagnostic Methods		0.29
Blood Disorders & Transfusion	J Blood Disord Transfus	0.5
General Medicine	Gen Med (Los Angel)	0.86
Bioenergetics: Open Access	Bioenergetics	3.1
Chemotherapy: Open Access	Chemotherapy (Los Angel)	1.8
Clinical & Experimental Pathology	J Clin Exp Pathol	1.54
Carcinogenesis & Mutagenesis	J Carcinog Mutagen	1.9
Clinical Research & Bioethics	J Clinic Res Bioeth	0.95
Vaccines & Vaccination	J Vaccines Vaccin	1.8
Immunome Research	Immunome Res	7.1
Clinical & Experimental Ophthalmology	J Clin Exp Ophthalmol	1.11
Clinical & Experimental Dermotology Research	J Clin Exp Dermatol Res	0.5
Clinical & Experimental Cardiology	J Clin Exp Cardiolog	1.33
Clinical Microbiology: Open Access	Clin Microbiol	0.7
Anesthesia & Clinical research	J Anesth Clin Res	0.7
Mycobacterial Diseases	Mycobact Dis	0.9
Clinical Toxicology	J Clin Toxicol	1.39
Clinical Trials & Research	J Clin Trials	1.33
Antivirals & Antiretrovirals	J Antivir Antiretrovir	1.27
Fermentation Technology	Ferment Technol	3.44
Clinical & Cellular immunology	J Clin Cell Immunol	2.019
Allergy & Therapy	J Allergy Ther	0.762
Bacteriology & Parasitology	J Bacteriol Parasitol	2.025
Rheumatology: Current Research	Rheumatology (Sunnyvale)	1.522
Virology & Mycology	Virol Mycol	0.69
Clinics in Mother and Child Health	Clinics Mother Child Health	0.432
Womens Health Care	J Womens Health Care	0.79
Marine Science: Research & Development	J Marine Sci Res Dev	0.45
Plant Pathology & Microbiology	J Plant Pathol Microbiol	1.75
Geology & Geophysics	J Geol Geophys	0.91
FisheriesSciences	J Fisheries Sci	0.51
Fisheries and Aquaculture Journal	Fish Aquac J	0.69
Bioremediation & Biodegradation	J Bioremediat Biodegrad	2.1
Advances in Crop Science and Technology	Adv Crop Sci Tech	0.39
Journal of Remote Sensing & GIS	J Geophys Remote Sens	0.77
Biofertilizers & Biopesticides	J Biofertil Biopestic.	1.19
Hydrology: Current Research	Hydrol Current Res	1.12
Probiotics & Health	J Prob Health	0.69
Veterinary Science & Technology	J Veterinar Sci Technolo	2.5
Medicinal & Aromatic Plants	Med Aromat Plants	2.02
Forest Research	Forest Res	1.69
International Journal of Sensor Networks and Data Communications	Sensor Netw Data Commun	1.66
Innovative Energy Policies	Innov Energ Policies	0.88
Biodiversity & Endangered Species	J Biodivers Endanger Species	0.25
Biosafety	Biosafety	0.49
Agrotechnology	Agrotechnol	0.69
Journal of Traditional Medicine and Clinical Naturopathy	J Tradition Med Clin Naturopth	0.49
Nutrition & Food Sciences	J Nutr Food Sci	1.14
Entomology, Ornithology & Herpetology	Entomol Ornithol Herpetol	1.26

Impact Factor Calculation:

Impact Factor was established by dividing the number of articles published in 2012 and 2013 with the number of times they are cited in 2014 based on Google search and the Scholar Citation Index database. If 'X' is the total number of articles published in 2012 and 2013, and 'Y' is the number of times these articles were cited in indexed journals during 2014 than, impact factor = Y/X



2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK

Supporting Journals

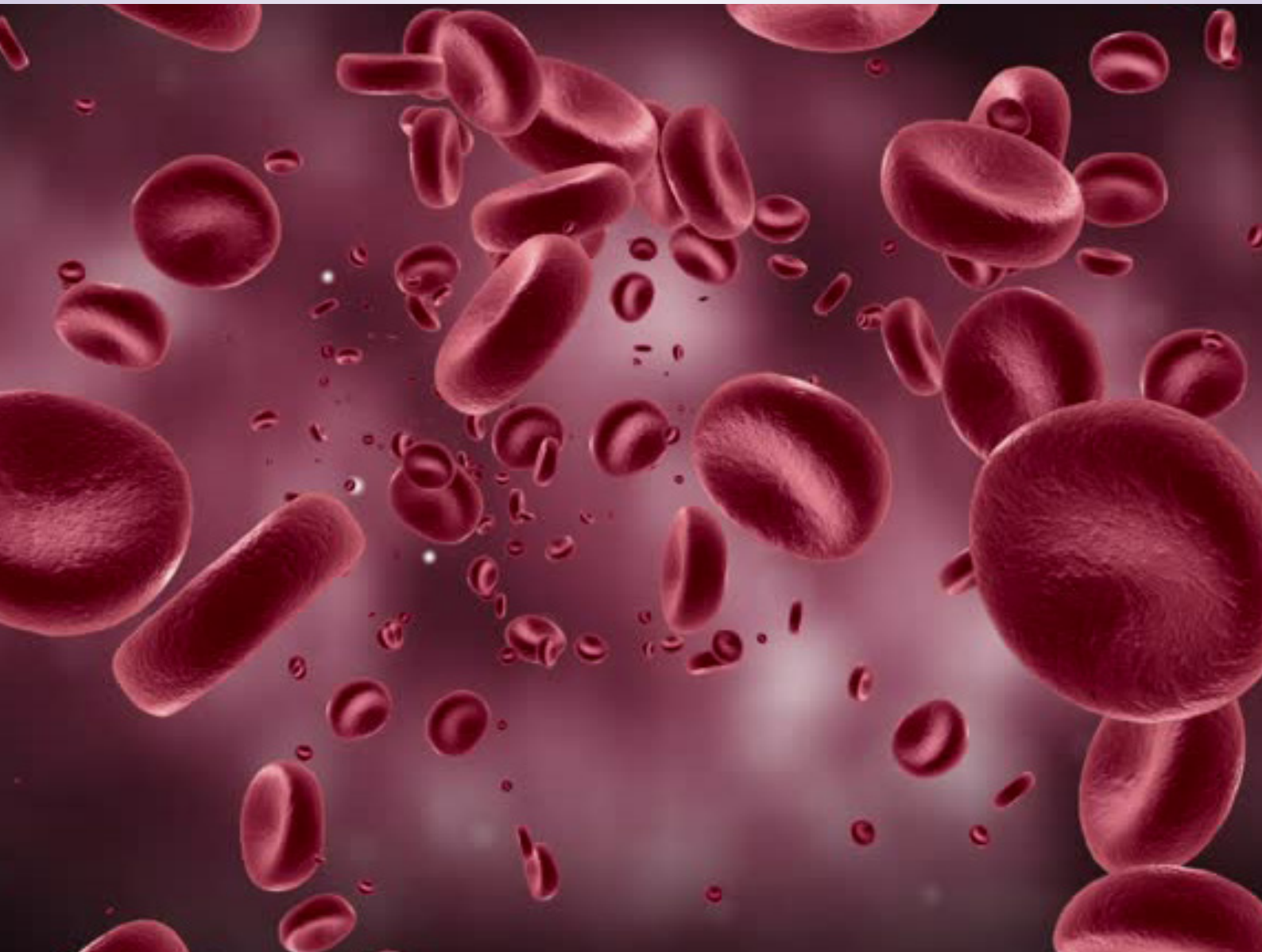
Supporting Journals

Journal of Genetic Syndromes & Gene Therapy
www.omicsonline.org/genetic-syndromes-gene-therapy.php

Journal of Clinical Infectious Diseases & Practice
www.omicsonline.org/clinical-infectious-diseases-practice.php

Journal of Clinical Trials
www.omicsgroup.org/journals/clinical-trials.php

Journal of Neuroinfectious Diseases
www.omicsonline.com/open-access/neuroinfectious-diseases.php



Meet Inspiring Speakers and Experts at our 3000+ Global Events Every year on Medical, Pharma, Engineering, Science, Technology, Business and 40 Varient fields

AGRI, FOOD & AQUA

2nd International Conference on
Food Chemistry and Nutrition
Jul 24-26, 2017 Vancouver, Canada

18th Global Summit on
Food & Beverages
Oct 02-04, 2017 Chicago, USA

8th International Conference on
Fisheries & Aquaculture
Oct 02-04, 2017 Toronto, Canada

9th Global Food Safety Conference
Dec 04-06, 2017 Atlanta, USA

20th Global Food Processing & Technology Summit Dec 11-13 , 2017 Philadelphia, USA

3rd Global Summit on **Plant Science**
Aug 07-09, 2017 Madrid, Spain

7th European Food Safety & Standards Conference Sep 25-26, 2017 Vienna, Austria

10th International Conference on
Agriculture & Horticulture
Oct 02-04, 2017 London, UK

7th International Conference on
Aquaculture & Fisheries
Oct 19-21, 2017 Madrid, Spain

19th International Conference on
Food Processing & Technology
Oct 23-25, 2017 Paris, France

2nd International Conference on
Food Microbiology
Nov 09-11, 2017 Madrid, Spain

9th Global Summit on
Agriculture & Horticulture
Aug 10-11, 2017 Beijing, China

World Aqua Congress
Oct 23-24, 2017 Dubai, UAE

5th International Food Safety, Quality & Policy Conference
Nov 27-28, 2017 Dubai, UAE

ALTERNATIVE HEALTHCARE

5th International Conference and Expo on
Acupuncture and Oriental Medicine
Jul 20-21, 2017 Chicago, USA

13th International Conference on
Connective Tissue Diseases, Systemic Conditions, Treatment & Therapies
Sep 27-28, 2017 Chicago, USA

8th International Conference on
Traditional & Alternative Medicine
Sep 04-06, 2017 Paris, France

Annual Meeting on
Naturopathic Physicians & Acupuncturists
Jul 24-26, 2017 Melbourne, Australia

8th International Conference and Exhibition on
Natural & Alternative Medicine
Sep 25-27, 2017 Dubai, UAE

23rd International Conference on
Herbal and Alternative Remedies for Diabetes and Endocrine Disorders
Nov 02-04, 2017 Thailand, Bangkok

BIOCHEMISTRY

2nd International Conference on
Nucleic Acids, Molecular biology & Biologics Conference
Aug 31-Sep 01, 2017 Philadelphia, USA

10th International Conference and Exhibition on
Metabolomics & Systems Biology
Oct 16-17, 2017 Baltimore, USA

3rd International Conference on
Genetic and Protein Engineering
Nov 08-09, 2017 Las Vegas, USA

9th International Conference on
Structural Biology
Sep 18-19, 2017 Zurich, Switzerland

9th International Conference and Expo on
Proteomics Oct 23-25, 2017 Paris, France

9th International Conference on
Bioinformatics
Oct 23-24, 2017 Paris, France

3rd International Conference on
Lipid Science & Technology
Dec 11-12, 2017 Madrid, Spain

2nd International Conference on
Biochemistry
Aug 07-08, 2017 Beijing, China

3rd International Conference on **Transcriptomics**
Oct 30- Nov 01, 2017 Thailand, Bangkok

CARDIOLOGY

19th Annual Cardiology Conference
Aug 31-Sep 01, 2017 Philadelphia, USA

21st International Conference on
Clinical & Experimental Cardiology
Nov 06-07, 2017 Las Vegas, USA

2nd International Conference on
Hypertension & Healthcare
Sep 11-13, 2017 Amsterdam, Netherlands

2nd International Conference on
Echocardiography
Sep 11-12, 2017 Amsterdam, Netherlands

20th European Cardiology Conference
Oct 16-18, 2017 Budapest, Hungery

22nd World Cardiology Conference
Dec 11-12, 2017 Madrid, Spain

16th World Cardiology Congress
December 08-10, 2017 Dubai, UAE

3rd Global Summit on **Heart Diseases**
Nov 02-04, 2017 Thailand, Bangkok

CHEMICAL ENGINEERING

International Conference on
Renewable Energy and Resources
Jul 24-25, 2017 Vancouver, Canada

7th International Congress and Expo on
Biofuels & Bioenergy
Oct 02-04, 2017 Toronto, Canada

3rd International Conference on
Chemical Engineering
Oct 02-04, 2017 Chicago, USA

7th International Conference and Exhibition on
Biopolymers and Bioplastics
Oct 19-21, 2017 San Francisco, USA

7th World Congress on
Petrochemistry and Chemical Engineering
Nov13-15, 2017 Atlanta, USA

2nd World Biodiesel Congress & Expo
Dec 04-05, 2017 Atlanta, USA

6th International Congress and Expo on
Biofuels, Bioenergy & Bioeconomy
Dec 04-06, 2017 Sao Paulo, Brazil

3rd International Conference and Expo on
Oil and Gas
Jul 13-14, 2017 Berlin, Germany

5th International Conference on
Sustainable Bioplastics
Jul 20-21, 2017 Munich, Germany

6th World Congress on
Biofuels and Bioenergy
Sep 05-06, 2017 London, UK

6th World Congress on **Biopolymers**
Sep 07-09, 2017 Paris, France

2nd Euro Global Summit and Expo on
Biomass Sep 21-22, 2017 Madrid, Spain

International Conference on
Renewable Energy and Resources
Oct 05-07, 2017 Kuala Lumpur, Malaysia

CHEMISTRY

3rd International Conference on
Organic & Inorganic Chemsitry
Jul 17-19, 2017 Chicago, USA

3rd World Chemistry Conference
Sep 11-12, 2017 Dallas, USA

5th International Conference on
Current Trends in Mass Spectrometry
Sep 25-27, 2017 Atlanta, USA

9th International Conference and Exhibition on
Analytical & Bioanalytical Techniques
Sep 28-29, 2017 Atlanta, USA

2nd International Conference on
Clinical Chemistry and Laboratory Medicine
Sep 28-29, 2017 Atlanta, USA

4th International Conference on
Past and Present Research Systems of Green Chemistry Oct 16-18, 2017 Atlanta, USA

7th International Conference on
Medicinal Chemistry & Computer Aided Drug Designing
Nov 02-04, 2017 San Antonio, USA

2nd International Conference on
Nuclear Chemistry
Nov 06-07, 2017 Las Vegas, USA

2nd International Conference and Exhibition on
Polymer Chemistry
Nov 06-08, 2017 Las Vegas, USA

International Conference on **Electrochemistry**
Jul 10-11, 2017 Berlin, Germany

3rd International Conference and Exhibition on
Advances in Chromatography & HPLC Techniques Jul 13-14, 2017 Berlin, Germany

2nd International Conference and Exhibition on
Materials Chemistry
Jul 13-14, 2017 Berlin, Germany

4th World Congress on
Chromatography
Aug 07-09, 2017 Madrid, Spain

5th International Conference and Exhibition on
Pain Research & Management
Sep 04-05, 2017 London, UK

5th Global Chemistry Congress
Sep 04-06, 2017 London, UK

International Conference on
Physical and Theoretical Chemistry
Sep 18-19, 2017 Dublin, Ireland

Meet Inspiring Speakers and Experts at our 3000+ Global Events Every year on Medical, Pharma, Engineering, Science, Technology, Business and 40 Varient fields

2nd International Conference on **Pharmaceutical Chemistry**
Oct 02-04, 2017 Barcelona, Spain

5th International Conference and Expo on **Separation Techniques**
Oct 23-25, 2017 Paris, France

10th Annual Chemistry Congress
Oct 18-19, 2017 Osaka, Japan

6th Global Congress on **Mass Spectrometry**
Oct 18-19, 2017 Osaka, Japan

7th Global Mass Spectrometry Congress
Dec 14-16, 2017 Dubai, UAE

COMPUTER SCIENCE

5th International Conference on **Big Data Analysis** Sep 07-08, 2017 Toronto, Canada

DENTISTRY

17th Global Dentists and Pediatric Dentistry Annual meeting
Jul 17-18, 2017 Munich, Germany

24th World Congress on **Dentistry and Oral Health** Sep 01-02, 2017 London, UK

24th Euro Congress on **Dental & Oral Health**
Oct 19-20, 2017 Budapest, Hungery

3rd International Conference on **Sports Medicine and Fitness**
Sep 21-23, 2017 Barcelona, Spain

International Conference on **Dentistry & Dental Marketing**
Oct 05-06, 2017 Las Vegas, USA

29th Annual World Congress on **Dental Medicine & Dentistry** Oct 16-18, 2017 NewYork, USA

37th Global Summit on **Dental Surgeons & Dental Materials**
Nov 02-04, 2017 San Antonio, USA

38th Annual Congress on **World Dentistry**
Nov 06-08, 2017 San Antonio, USA

26th American Dental Congress
Dec 04-06, 2017 Atlanta, USA

39th World Dental Congress Summit
Dec 04-06, 2017 Sao Paulo, Brazil

28th Asia Pacific Dental and Oral Health Congress
Jul 10-12, 2017 Malyasia, Kuala Lumpur

30th Global Experts Meet on **Advanced Dentistry and Oral Health**
Sep 21-22, 2017 Macau, Hong Kong

31st Annual Conference on **Dental Practice Management and Marketing**
Sep 21-22, 2017 Macau, Hong Kong

37th Asia Pacific Dental and Oral Care Congress Nov 20-22, 2017 Australia, Melbourne

9th Clinical Dermatology Congress
Oct 16-18, 2017 NewYork, USA

2nd International Conference on **Psoriasis and Skin Specialists Meeting**
Sep 20- 21, 2017 Philadelphia, USA

12th Global Dermatologists Annual Meeting
Sep 01-02, 2017 London, UK

13th International Conference and Exhibition on **Cosmetic Dermatology and Hair care**
Oct 26-27, 2017 Paris, France

23rd Asia Pacific Dermatology Conference
Oct 26-28, 2017 Osaka, Japan

International Conference on **Pigmentary Disorders** Sep 11-12, 2017 Dubai, UAE

17th World Dermatology Conference
Sep 11-12, 2017 Dubai, UAE

DIABETES AND ENDOCRINOLOGY

10th International Conference on **Clinical diabetes, Diabetes care & Nutrition**
Jul 20-21, 2017 Chicago, USA

9th Annual Congress on **Endocrine Disorders and Therapies**
Sep 11-12, 2017 Dallas, USA

International Conference on **Diabetes**
Sep 20-22, 2017 Denever, USA

International Conference on **Diabetes, Metabolism & Obesity**
Nov15-17, 2017 Las Vegas, USA

International Conference on **Diabetes and Endocrinology**
Dec 06-08, 2017 Atlanta, USA

18th European Diabetes Congress
Jul 17-18, 2017 Lisbon, Portugal

2nd International Conference on **Metabolic Syndrome** Aug 10-11, 2017 London, UK

213th International Conference on **Diabetes**
Oct 05-06, 2017 London, UK

19th Asia Pacific Diabetes Conference
Jul 20-22, 2017 Melbourne, Australia

International Conference on **Endocrinology and Diabetes Summit**
Sep 13-14, 2017 Singapore

2nd International Conference on **Herbal and Alternative Remedies for Diabetes and Endocrine Disorders**
Nov 02-04, 2017 Thailand, Bangkok

25th Global Diabetes and Medicare Expo
Dec 11-12, 2017 Dubai, UAE

ENVIRONMENTAL SCIENCES

International Conference on **Ecology and Ecosystems**
Sep 18-20, 2017 Toronto, Canada

3rd Annual Congress on **Pollution and Global Warming**
Oct 16-18, 2017 Atlanta, USA

4th International Conference on **Green Energy & Expo**
Nov 06-08, 2017 Las Vegas, USA

5th International Conference on **Recycling: Reduce, Reuse and Recycle**
Nov 06-08, 2017 Las Vegas, USA

4th World Congress and Expo on **Recycling**
July 27-29, 2017 Madrid, Spain

3rd International Conference on **Green Energy and Expo**
Sep 28-29, 2017 Berlin, Germany

2nd International Conference on **Pollution Control and Sustainable Environment**
Oct 10-11, 2017 London, UK

4th World Conference on **Climate Change**
Oct 19-21, 2017 Madrid, Spain

2nd International Conference on **Coastal Zones**
Jul 10-11, 2017 Jakarta, Indonesia

Annual Congress on **Environmental Pollution and Sustainable energy**
Jul 20-22, 2017 Melbourne, Australia

7th World Convention on **Recycling and Waste Management**
Aug 10-12, 2017 Beijing, China

2nd World Congress on **Climate Change and Global Warming**
Oct 16-17, 2017 Dubai, UAE

EEE & ENGINEERING

3rd International Conference on **Data Structures and Data Mining**
Aug 17-18, 2017 Toronto, Canada

International Conference on **Agricultural Engineering**
Sep 11-12, 2017 San Antonio, USA

8th International Conference and Exhibition on **Biosensors and Bioelectronics Biosensors & Bioelectronics** Sep 27-28, 2017 Chicago, USA

2nd World Summit on **Bioengineering**
Sep 27-28, 2017 Chicago, USA

5th International Conference and Exhibition on **Mechanical & Aerospace Engineering**
Oct 02-04, 2017 Las Vegas, USA

4th World Congress and Exhibition on **Construction and Steel Structure**
Oct 16-18, 2017 Atlanta, USA

7th International Conference on **Nuclear Engineering** Oct 16-18, 2017 Atlanta, USA

International Conference on **Applied Energy**
Oct 23-24, 2017 Orlando USA

6th International Conference on **Biostatistics & Bioinformatics**
Nov13-14, 2017 Atlanta, USA

International conference on **3D Printing and Technology**
Jul 05-06, 2017 Frankfurt, Germany

7th Euro Biosensors and Bioelectronics Conference Jul 10-12, 2017 Berlin, Germany

3rd International Conference and Business Expo on **Wireless & Telecommunication**
Jul 20-21, 2017 Munich, Germany

3rd Global Summit and Expo on **Multimedia & Artificial Intelligence**
Jul 20-21, 2017 Lisbon, Portugal

2nd International Conference on **Power and Energy Engineering**
Jul 20-21, 2017 Munich, Germany

2nd International Conference on **Battery and Fuel Cell Technology**
Jul 27-28, 2017 Madrid, Spain

2nd International Conference on **Design and Production Engineering**
Aug 21-22, 2017 Birmingham, UK

4th International Conference on **BigData Analysis and Data Mining**
Sep 07-08, 2017 Paris, France

4th International conference and Expo on **Computer Graphics & Animation**
Sep 25-26, 2017 Berlin, Germany

3rd International Conference and Exhibition on **Automobile Engineering**
Sep 28-29, 2017 Berlin, Germany

Meet Inspiring Speakers and Experts at our 3000+ Global Events Every year on Medical, Pharma, Engineering, Science, Technology, Business and 40 Varient fields

2nd Global Summit on **Fluid Dynamics & Aerodynamics** Oct 19-20, 2017 Madrid, Spain

International Conference on **Mechatronics, Automation and Intelligent Materials** Oct 23-25, 2017 Paris, France

International Conference on **Steel Structures** Sep 11-12, 2017 Singapore

International Conference on **Smart Grid Technologies** Sep 11-12, 2017 Singapore

Geotechnical and Water Resource Engineering Summit Sep 18-19, 2017 Macau, Hong Kong

3rd World Congress on **Robotics and Artificial Intelligence** Oct 23-24, 2017 Osaka, Japan

GASTROENTEROLOGY

International Conference on **Pancreatic Disorders and Treatment** Sep 13-14, 2017 Dallas, USA

2nd International Conference on **Hepatology & Gastroenterology** Nov 13-14, 2017 Las Vegas, USA

5th World Congress on **Hepatitis & Liver Diseases** Aug 10-12, 2017 London, UK

12th Euro-Global Gastroenterology Conference Sep 11-12, 2017 Paris, France

2nd International Conference on **Digestive Diseases** Oct 16-17, 2017 London, UK

10th International Conference on **Gastroenterology** Oct 30- Nov 01, 2017 Bangkok, Thailand

GENETICS & MOLECULAR BIOLOGY

6th International Conference on **Tissue Science & Regenerative Medicine** Aug 23-24 , 2017 San Francisco, USA

3rd International Conference & Exhibition on **Tissue Preservation and Biobanking** Aug 23-24 , 2017 San Francisco, USA

3rd Annual Genomics and Toxicogenomics Conference Sep 27-28, 2017 Chicago, USA

Annual Summit on **Cell Signaling and Cancer Therapy** Sep 27-28, 2017 Chicago, USA

Annual Summit on **Cell Therapy** Sep 27-28, 2017 Chicago, USA

13th World Biotechnology Congress Oct 19-20, 2017 NewYork, USA

2nd World Biotechnology Congress Dec 04-05, 2017 Sao Paulo, Brazil

3rd International Conference on **Synthetic Biology** Jul 20-21, 2017 Munich, Germany

13th International Conference on **Human Genetics** Sep 14-15, 2017 Edinburgh, Scotland

9th Annual Conference on **Stem Cell and Regenerative Medicine** Sep 25-26, 2017 Berlin, Germany

17th EuroBiotechnology Congress Sep 25-27, 2017 Berlin, Germany

7th International Conference on **Tissue Engineering and Regenerative Medicine** Oct 02-04, 2017 Barcelona, Spain

5th International Conference on **Plant Genomics** Jul 03-05, 2017 Thailand, Bangkok

World Congress on **Molecular Genetics and Gene Therapy** Jul 03-05, 2017 Thailand, Bangkok

World Congress on **Nano Science and Nano Technology** Jul 10-11, 2017 Jakarta, Indonesia

14th Asia-Pacific Biotech Congress Jul 20-22, 2017 Melbourne, Australia

3rd Annual Congress and Expo on **Bioscience** Aug 10-12, 2017 Beijing, China

8th International Conference on **Tissue Science and Regenarative Medicine** Sep 11-12, 2017 Singapore

10th International Convention on **Stem Cell and Biobanking** Oct 23-24, 2017 Osaka, Japan

GEOLOGY & EARTH SCIENCE

3rd World Congress on **GIS and Remote Sensing** Sept 20-21, 2017 Charlotte, USA

2nd International Convention on **Geophysics and Geo technics** Nov 08-09, 2017 Las Vegas, USA

2nd International Convention on **Geosciences and Remote Sensing** Nov 08-09, 2017 Las Vegas, USA

13th International Conference on **GIS and Remote Sensing** Jul 20-21, 2017 Munich, Germany

Annual Congress on **Soil Sciences** Dec 04-05, 2017 Madrid, Spain

6th International Conference on **Earth Science and Climate change** Sep 18-19, 2017 Macau, Hong Kong

5th International Conference on **Oceanography and Marine Biology** Oct 16-17, 2017 Seoul, South Korea

HEALTHCARE MANAGEMENT

3rd International Conference on **Wound Care, Tissue Repair & Regenerative Medicine** Sep 11-12, 2017 Dallas, USA

13th International Conference on **Health & Medical Sociology** Sep 25-26, 2017 Atlanta, USA

10th World Congress on **Healthcare & Technologies** Jul 17-18, 2017 Lisbon, Portugal

5th International Conference on **Medical Informatics & Telehealth** Aug 29-30, 2017 Prague, Czech Republic

2nd International Conference on **Environmental Health & Safety** Sep 07-08, 2017 Paris, France

2nd International Conference on **General Practice & General Medicine** Sep 18-20, 2017 Zurich, Switzerland

6th International Conference on **Epidemiology & Public Health** Oct 23-25, 2017 Paris, France

2nd International Conference on **Health & Hospital Management** Nov 06-07, 2017 Vienna, Austria

International Conference on **Medical Education** Nov 06-08, 2017 Vienna, Austria

12th World Congress on **Healthcare and Medical Tourism** Oct 16-17, 2017 Dubai, UAE

IMMUNOLOGY

3rd Annual Global Conference on **Parasitology** Jul 31-Aug 01, 2017 Chicago, USA

2nd International Conference on **Tumor & Cancer Immunology and Immunotherapy** Jul 17-19, 2017 Chicago, USA

3rd Antibodies and Bio Therapeutics Congress Nov 08-09, 2017 Las Vegas, USA

5th International conference on **HIV/AIDS, STDS & STIS** Nov 13-14, 2017 Las Vegas, USA

9th World Congress and Expo on **Immunology** Nov 02-03, 2017 Atlanta, USA

3rd International Conference on **Immunity, Inflammation and Immunotherapies** Nov 02-03, 2017 Atlanta, USA

11th International Conference on **Allergy, Asthma & Clinical Immunology** Aug 16-17, 2017 Edinburgh, Scotland

4th International Conference on **Parasitology** Sep 01-02, 2017 Prague, Czech Republic

2nd International Conference on **Autoimmunity** Nov 09-10, 2017 Madrid, Spain

International Conference on **Cancer & Tumor Immunology** Jul 03-05, 2017 Thailand, Bangkok

9th Annual Meeting on **Immunology and Immunologist** Jul 03-05, 2017 Kuala Lumpur, Malaysia

Annual Summit on **HIV/AIDS, STDs & STIs** Aug 07-09, 2017 Beijing, China

World Immunology Congress Dec 14-15, 2017 Dubai, UAE

INFECTIOUS DISEASES

3rd International Conference on **Influenza and Zoonotic Diseases** Aug 21-22, 2017 Birmingham, UK

9th Euro-Global Conference on **Infectious Diseases** Sep 07-09, 2017 Paris, France

13th World Congress on **Infection Prevention and Control** Oct 26-27, 2017 Milano, Italy

3rd International Conference on **Retroviruses, Novel Drugs and Therapies** Jul 27-28, 2017 Vancouver, Canada

3rd Annual Congress on **Infectious Diseases** Aug 21-23 2017 San Francisco, USA

Annual Congress on **Medical Laboratory Congress & Expo** Aug 21-22, 2017 San Francisco, USA

Meet Inspiring Speakers and Experts at our 3000+ Global Events Every year on Medical, Pharma, Engineering, Science, Technology, Business and 40 Varient fields

2nd International Conference on **Infection Control**
Sep 25-26, 2017 Chicago, USA

3rd Annual Congress on **Rare Diseases and Orphan Drugs**
Oct 30-Nov 01, 2017 San Antonio, USA

3rd International conference on **Flu & Emerging Infectious Diseases**
Nov 06-07, 2017 Las Vegas, USA

6th Annual Bacteriology and Parasitology Meeting Sep 13-14, 2017 Singapore

7th Asia Pacific STD and Infectious Diseases Congress Oct 23-25, 2017 Osaka, Japan

MATERIALS SCIENCE

International Conference on **Graphene and Semiconductors**
Jul 17-18, 2017 Chicago, USA

International Conference on **Diamond and Carbon Materials**
Jul 17-18, 2017 Chicago, USA

10th International Conference on **Emerging Materials & Nanotechnology**
Jul 27-29, 2017 Vancouver, Canada

3rd International Conference on **Polymer Science and Engineering**
Oct 02-04, 2017 Chicago, USA

2nd International Conference on **Applied Crystallography**
Oct 16-18, 2017 Chicago, USA

13th International Conference and Exhibition on **Materials Science and Engineering**
Nov13-15, 2017 Las Vegas, USA

14th International Conference on **Functional Energy Materials**
Dec 06-07, 2017 Atlanta, USA

11th International Conference on **Advanced Materials and Processing**
Sep 06-07 2017 Edinburgh, Scotland

12th Annual Congress on **Materials Science and Nanotechnology**
Sep 25-26, 2017 Dubai, UAE

International Conference on **Advanced Materials and Nanotechnology** Oct 26-28, 2017 Osaka, Japan

MICROBIOLOGY

2nd International conference on **Environmental & Soil Microbiology**
Sep 18-20, 2017 Toronto, Canada

7th International Conference on **Clinical Microbiology**
Sep 25-26, 2017 Chicago, USA

International Conference on **Water Microbiology & Novel Technologies**
Aug 28-30, 2017 Philadelphia, USA

2nd International conference on **Human Papillomavirus**
Nov13-14, 2017 Las Vegas, USA

International Conference and Expo on **Medical Virology**
Aug 31-Sep 01, 2017 Philadelphia, USA

2nd International Congress on **Mycology**
Sep 25-26, 2017 Chicago, USA

International Conference on **Infectious Diseases & Diagnostic Microbiology**
Sep 13-14, 2017 Dallas, USA

3rd World Congress on **Beneficial Microbes: Food, Pharma, Aqua & Beverages Industry**
Sep 18-20, 2017 Houston, USA

World Summit on **Microbial & Biochemical Technologies** Sep 18-20, 2017 Houston, USA

Global Veterinary Microbiology Summit & Expo
Oct 02-04, 2017 Las Vegas, USA

11th World Summit on **Medical Microbiology**
Oct 02-04, 2017 Las Vegas, USA

World Summit on **Nosocomial and Healthcare Associated Infections**
Oct 02-04, 2017 Las Vegas, USA

6th Annual Conference on **Microbiology**
Oct 16-17, 2017 Baltimore, USA

11th World Congress on **Virology**
Oct 16-17, 2017 Baltimore, USA

World Yeast Congress
Dec 06-07, 2017 Sao Paulo, Brazil

International Conference on **Microbial Pathogenesis & Host Response Mechanism** Aug 24-25, 2017 Toronto, Canada

World Host-Microbial Interactions Congress
Jul 17-18, 2017 Munich, Germany

6th International Conference on **Microbial Physiology and Genomics**
Aug 31-Sep 01, 2017 Brussels, Belgium

46th World Congress on Microbiology
Sep 18-19, 2017 Dublin, Ireland

6th Clinical Microbiology Conference
Oct 26-27, 2017 Paris, France

4th World Congress and Expo on **Applied Microbiology**
Nov 09-11, 2017 Madrid, Spain

International Conference on **Medical and Clinical Microbiology**
Jul 03-05, 2017 Thailand, Bangkok

2nd International Conference and Summit on **Industrial and Pharmaceutical Microbiology**
Oct 23-25, 2017 Osaka, Japan

10th International Congress on **Clinical Virology**
Dec 04-05, 2017 Dubai, UAE

Annual Congress on **Microbes and Infection**
Dec 04-05, 2017 Dubai, UAE

NANOTECHNOLOGY

2nd world congres and expo on **Graphene 2D Materials**
Aug 15-16, 2017 Edinburgh, Scotland

19th Nano Congress for Next Generation
Aug 31-Sep1, 2017 Brussels, Belgium

22th International Conference and Expo on **Nanoscience and Molecular Nanotechnology**
Nov 13-14, 2017 Vienna, Austria

International conference on **Nanobiotechnology**
Jul 31-Aug 01, 2017 Chicago, USA

World Congress on **Regulations of Nanotechnology**
Jul 31-Aug 01, 2017 Chicago, USA

International Conference on **Nano Science and Technology**
Sep 18-19, 2017 Orlando, USA

19th International Conference on **Nanotek and Expo**
Nov13-15, 2017 Atlanta, USA

17th Nanotechnology products and Summit
Nov13-15, 2017 Atlanta, USA

World Congress on **NanoScience and NanoTechnology**
July 10-11, 2017 Jakarta Indonesia

15th World Medical Nanotechnology Congress & Expo Oct 18-19, 2017 Osaka, Japan

3rd Biomedical Engineering and Expo
Nov 07-08, 2017 Barcelona, Spain

NEPHROLOGY

15th Annual Congress on **Nephrology & Therapeutics** Aug 28-30, 2017 Philadelphia, USA

2nd Annual Kidney Congress
Aug 28-30, 2017 Philadelphia, USA

16th European Nephrology Conference
Oct 02-04, 2017 Barcelona, Spain

13th Annual Conference on **Nephrology & Urology**
Jul 06-07, 2017 Kuala Lumpur, Malaysia

17th World Nephrology Conference
Oct 18-19, 2017 Dubai, UAE

NEUROSCIENCE

14th World Congress on **Neurology and Neurological disorders**
Jul 17-19, 2017 Chicago, USA

3rd International Conference on **Parkinson's Disease & Movement Disorders**
Sep 25-26, 2017 Chicago, USA

3rd International Conference on **Spinal Surgery**
Oct 16-17, 2017 Chicago, USA

8th International Conference and Exhibition on **Addiction Research & Therapy**
Nov 13-15, 2017 Las Vegas, USA

2nd International Conference on **Spine and Spinal Disorders**
Jul 24-26, 2017 Madrid, Spain

3rd International Conference on **Epilepsy & Treatment** Aug 31-Sep 01, 2017 Brussels, Belgium

15th European Neurology Congress
Aug 29-31, 2017 London, UK

7th World Congress on **Addictive Disorders and Addiction Therapy**
Aug 29-31, 2017 Prague, Czech Republic

3rd International Conference on **Central Nervous System Disorders**
Sep 25-27, 2017 Vienna, Austria

16th International Conference on **Neuro Cognitive Disorders**
Oct 10-11, 2017 London, UK

9th International Conference on **Alzheimer's Disease & Dementia**
Oct 16-18, 2017 Madrid, Spain

6th International Conference on **Brain Disorders and Therapeutics**
Nov 06-08, 2017 Madrid, Spain

18th Global Neurologists Annual Meeting on **Neurology and Neuro Surgery**
Nov 16-17, 2017 Vienna, Austria

Meet Inspiring Speakers and Experts at our 3000+ Global Events Every year on Medical, Pharma, Engineering, Science, Technology, Business and 40 Varient fields

7th International Conference on
Addictive Disorders and Alcoholism
Jul 03-04, 2017 Kuala Lumpur, Malaysia

15th International Conference on
Neuroscience
Oct 16-17, 2017 Osaka, Japan

13th Global Neurologists Annual Meeting on
Neurology and Neuro Surgery
Nov 27-28, 2017 Dubai, UAE

NURSING

23rd Cardiovascular Nursing & Nurse Practitioners Meeting
Jul 10-11, 2017 Chicago, USA

4th Annual Congress & Medicare Expo on
Primary Healthcare
Aug 21-22 , 2017 San Francisco, USA

13th International Conference on
Midwifery and Women's Health
Aug 28-30, 2017 Philadelphia, USA

30th Oncology Nursing & Nurse Practitioners Conference Aug 28-30, 2017 Philadelphia, USA

32nd International Conference on
Family Nursing and Healthcare
Sep 11-13, 2017 San Antonio, USA

34th Clinical Nursing & Nurse Education Conference Sep 20-21, 2017 charlotte, USA

3rd International Conference on
Reproductive Health
Oct 05-06, 2017 Chicago, USA

11th Global Healthcare and Fitness Summit
Oct 16-18, 2017 San Francisco, USA

46th Global Nursing and Healthcare Conference
Dec 06-07, 2017 Sao Paulo, Brazil

35th Global Nursing Care and Education Conference Sep 25-27, 2017 Atlanta, USA

40th International Conference on **Nursing & Healthcare** Oct 16-18, 2017 NewYork, USA

23rd World Nursing and Healthcare Conference
Jul 10-12, 2017 Berlin, Germany

25th Cancer Nursing & Nurse Practitioners Conference Jul 17-18, 2017 Lisbon, Portugal

29th World Congress on
Advanced Nursing Practicwe
Aug 14-16, 2017 Edinburgh, Scotland

37th World Nursing Education Conference
Sept 01-03, 2017 Prague, Czech Republic

28th International Conference on
Pediatric Nursing and Healthcare
Sep 04-05, 2017 Edinburgh, Scotland

35th Critical Care nursing & Nurse Practitioners Conference
Sep 28-29, 2017 Berlin, Germany

4th International Conference on
Gynecology & Obstetrics
Oct 02-04, 2017 Barcelona, Spain

13th International Conference on
Midwifery and Women's Health
Oct 02-04, 2017 London, UK

41st Euro Nursing & Medicare Summit
Oct 26-28, 2017 Paris, France

9th Asia-Pacific Global Summit & Expo on
Healthcare
Jul 03-05, 2017 Kuala Lumpur, Malaysia

4th World Congress on
Midwifery and Women's Health
Jul 20-22, 2017 Melbourne, Australia

World Congress on **Nursing Care**
Jul 24-26, 2017 Melbourne, Australia

International Conference on
Oncology Nursing and Cancer Care
Sep 13-14, 2017 Singapore

23rd World Nurse Practitioners Conference
Sep 28-29 2017 Dubai, UAE

27th Surgical Nursing & Nurse Education Conference Oct 16-17, 2017 Dubai, UAE

Asia-Pacific Nursing and Medicare Summit
Oct 05-07, 2017 Kuala Lumpur, Malaysia

World Congress on
Nursing Pharmacology and Nursing Education
Nov 20-21, 2017 Melbourne, Australia

NUTRITION & OBESITY

16th International conference and Exhibition on
Obesity & Weight Management
Nov16-17, 2017 Atlanta, USA

12th International Conference on
Clinical Diabetes, Diabetes care & Nutrition
Jul 20-21, 2017 Chicago, USA

12th World Congress on
Obesity
Aug 24-25, 2017 Toronto, Canada

17th World Fitness Expo
Nov 16-17, 2017 Atlanta, USA

13th International Congress on
Advances in Natural Medicines, Nutraceuticals & Neurocognition
Jul 27-28, 2017 Madrid, Spain

14th International Conference on
Clinical Nutrition
Jul 27-29, 2017 Madrid, Spain

15th World Congress on
Nutrition and Food Chemistry
Sep 18-20, 2017 Zurich, Switzerland

13th Euro Obesity and Endocrinology Congress
Sep 21-23, 2017 Madrid, Spain

6th International Conference and Exhibition on
Probiotics, Functional and Baby Foods
Oct 02-03, 2017 London, UK

12th World congress on
Obesity and Endocrinology
Jul 17-19, 2017 Melbourne, Australia

15th Global Obesity Meeting
Oct 23-24, 2017 Dubai, UAE

18th Global Dieticians & Nutritionists Annual Meeting
Oct 02-03, 2017 Kuala Lumpur, Malaysia

16th Obesity Medicine Conference
Oct 30- Nov 01, 2017 Thailand, Bangkok

ONCOLOGY & CANCER

3rd Annual Conference on
Gynecologic Oncology
Jul 20-21, 2017 Chicago, USA

World Congress on
Preventive Oncology
Jul 20-21, 2017 Chicago, USA

25th World Congress on
Cancer Therapy
Oct 18-20, 2017 Baltimore, USA

10th Annual World Congress on
Biomarkers & Clinical Research
Oct 18-20, 2017 Chicago, USA

5th International Conference on
Medical Imaging and Radiology
Oct 19-20, 2017 NewYork, USA

15th World Oncologists Annual Conference
Oct 19-20, 2017 NewYork, USA

World Medical and Clinical Oncology Congress Nov13-15 , 2017 Las Vegas, USA

5th World Congress on **Breast Cancer**
Oct 16-18, 2017 San Francisco, USA

9th International Conference on
Hematology and Hematological Oncology
Nov 08-09, 2017, Las Vegas, USA

19th Euro Congress on **Cancer Science and Therapy** Jul 17-19, 2017 Lisbon, Portugal

7th International Conference on
Nuclear Medicine & Radiation Oncology
Jul 27-28, 2017 Madrid, Spain

20th International Conference on
Radiation Oncology & Anti- Cancer Therapy
Aug 28-29, 2017 Brussels, Belgium

9th International Conference and Expo on
Molecular & Cancer Biomarkers
Aug 24-25, 2017 Birmingham, UK

2nd International Congress on **Contemporary Issues in Women Cancers and Gynecologic Oncology** Aug 28-29, 2017 London, UK

2nd International conference on
Medical Imaging and Radiology
Sep 11-12, 2017 London, UK

11th International Conference on
Hematologic Oncology
Oct 05-06, 2017 London, UK

25th World Cancer Conference
Oct 19-21, 2017 Madrid, Spain

International Conference on
Epigenetics
Nov 06-07, 2017 Madrid, Spain

9th International Conference on
Biomarkers
Oct 16-17, 2017 Osaka, Japan

14th Asia Pacific Oncologists Annual Meeting
Oct 26-28, 2017 Osaka, Japan

World Cancer Convention
Nov 27-28, 2017 Dubai, UAE

International Conference on
Cancer Diagnostics
Nov 27-28, 2017 Dubai, UAE

International Conference on **Epigenetic Research**
Oct 26-28, 2017 Osaka, Japan

OPHTHALMOLOGY

Global Congress & Expo on
Optometry and Vision Science
Jul 17-18, 2017 Chicago, USA

20th World Ophthalmology Summit
Dec 04-05, 2017 Sao Paulo, Brazil

2nd International conference and Expo on
Cataract and Refractive Surgery
Jul 10-11, 2017 Berlin, Germany

15th Global Meeting and Expo on
Vision Science
Aug 10-11, 2017 London, UK

Meet Inspiring Speakers and Experts at our 3000+ Global Events Every year on Medical, Pharma, Engineering, Science, Technology, Business and 40 Varient fields

5th International conference and Expo on
Optometry and Vision Science
Sep 11-12, 2017 Paris, France

16th International Conference on
Clinical & Experimental Ophthalmology
Sep 18-20, 2017 Zurich, Switzerland

18th European Ophthalmology Congress
Dec 07-09, 2017 Madrid, Spain

3rd International Conference on
Optometry and Vision Science
August 7-9, 2017 Beijing, China

10th International Conference on
Clinical and Surgical Ophthalmology
Aug 07-09, 2017 Beijing, China

2nd World Ophthalmology Conference
Oct 23-25, 2017 Osaka, Japan

17th Global Ophthalmology and Glaucoma Conference Nov 27-28, 2017 Dubai ,UAE

PALLIATIVE CARE

8th International Conference on
Geriatric Medicine & Gerontological Nursing
Oct 30-Nov 01, 2017 San Antonio, USA

7th International Conference on
Geriatrics & Gerontological Nursing
Sep 04-05, 2017 Edinburgh, Scotland

PATHOLOGY

2nd International Conference on
Internal Medicine
Sep 13-14, 2017 Dallas, USA

7th International Conference on
Predictive, Preventive and Personalized Medicine & Molecular Diagnostics
Oct 5-6, 2017 Chicago, USA

6th Experts Meeting on
Medical Case Reports
Oct 16-18, 2017 San Francisco, USA

2nd International conference on
Digital Pathology
Nov 02-03, 2017 San Antonio, USA

4th World Congress on
Breast Pathology
Aug 24-25, 2017 Toronto, Canada

14th European Pathology Congress
Aug 02-03, 2017 Milan, Italy

6th European Conference on
Predictive , Preventive and Personalized Medicine & Molecular Diagnostics
Aug 24-25, 2017 Birmingham, UK

5th European Conference on
Clinical and Medical Case Reports
Sep 07-08, 2017 Paris, France

PEDIATRICS

2nd World Congress Pediatric Oncology & Pediatric Medicine
Oct 05-06, 2017 Las Vegas, USA

3rd Annual Summit on
Pediatric Cardiology & Pulmonology
Sep 25-26, 2017 Chicago, USA

11th World Congress on
General Pediatrics & Adolosent medicine
Sep 25-26, 2017 Chicago, USA

2nd Annual Congress on
Infancy, Child Nutrition & Development (ICND)
Oct 19-21, 2017 Atlanta,USA

5th Annual Conference on
Translational Medicine
Nov15-16, 2017 Las Vegas, USA

16th European Pediatrics Conference
Sep 01-03, 2017 Prague, Czech Republic

2nd International Conference on
Pediatric Neurology
Sep 01-02, 2017 Prague, Czech Republic

20th International Conference on
Neonatology and Perinatology
Dec 04-06, 2017 Madrid, Spain

10th World Pediatric Congress
Sep 28-29 2017 Dubai, UAE

PHARMACEUTICAL SCIENCES

4th International Conference and Exhibition on
Pain Medicine
Aug 03-04, 2017 San Francisco, USA

Global Summit on
Emerging Orphan Drugs and Drug Abuse
Aug 23-24 , 2017 San Francisco, USA

2nd International Pharmacy Conference
Sep 01-02, 2017 Las Vegas, USA

4th International Conference on
Clinical Trials
Sep 11-13, 2017 San Antonio, USA

World Congress on
Biotherapeutics and Bioanalytical Techniques
Sep 11-12, 2017 Dallas, USA

6th International Conference on
Forensic Research & Technology
Sep 18-20, 2017 Houston, USA

6th International Summit on
GMP, GCP & Quality Control
Sep 25-26, 2017 Chicago, USA

7th International Conference and Exhibition on
Pharmaceutical Regulatory Affairs and IPR
Sep 25-26, 2017 Chicago, USA

10th Pharmacovigilanace Congress
Sep 21-22, 2017 Charlotte, USA

10th International Conference and Exhibition on
Biologics and Biosimilars
Oct 16-17, 2017 Baltimore, USA

11th World Drug Delivery Summit
Oct 16-18, 2017 NewYork, USA

5th International Conference on
Clinical Pharmacy
Oct 23-24, 2017 Orlando, USA

9th Annual European Pharma Congress
Jul 10-12, 2017 Madrid, Spain

9th International Conference and Exhibition on
Pharmacovigilance & Drug Safety
Jul 17-18, 2017 Munich, Germany

International Conference on
Environmental Chemistry and Engineering
Jul 24-25, 2017 Madrid, Spain

13th International Conference and Exhibition on
Pharmaceutical Nanotechnology
Jul 24-25, 2017 Madrid, Spain

3rd World Congress and Exhibition on
Antibiotics and Antibiotic Resistance
Jul 31-Aug 01, 2017 Milan, Italy

7th Global Experts Meeting on
Neuropharmacology
Jul 31-Aug 02, 2017 Milan, Italy

2nd International Conference on
Generic Drugs and Biosimilars
Aug 24-25, 2017 Birmingham, UK

14th International Conference and Exhibition on
Pharmaceutical Formulations
Aug 28-29, 2017 Brussels, Belgium

9th World Congress on **Pharmacology**
Sep 04-06, 2017 Paris, France

3rd International Conference on
Advanced Clinical Research and Clinical Trials
Sep 20-21, 2017 Dublin, Ireland

8th Annual Pharmaceutical Analysis Conference
Sep 25-26, 2017 Vienna, Austria

International Conference on
Biotech Pharmaceuticals
Oct 23-25, 2017 Paris, France

3rd International Conference and Expo on
Drug Discovery & Designing
Sep 25-27, 2017 Vienna, Austria

European Biopharma Congress
Nov 16-17, 2017 Vienna, Austria

3rd Global Summits on
Herbal & Traditional Medicine
Oct 18-20, 2017 Osaka, Japan

4th World Congress on
Drug Discovery & Designing
Jul 03-05, 2017 Thailand, Bangkok

11th International Conference on
Pharmacoepidemiology and Clinical Research
Jul 06-08, 2017 Kuala Lumpur, Malaysia

8th Global Pharmacovigilance & Drug Safety Summit Jul 10-11, 2017 Jakarta, Indonesia

9th World Congress on
BA/BE Studies and Biowaivers
Jul 17-19, 2017 Melbourne, Australia

5th International Conference and Exhibition on
Pharmacognosy, Phytochemistry & Natural Products
Jul 24-26, 2017 Melbourne, Australia

8th Wolrd Congress on
Pharmacology and Toxicology
Jul 24-26, 2017 Melbourne, Australia

8th Asian Biosimilars Congress
Aug 10-12, 2017 Beijing, China

12th Annual Pharma Middle East Congress
Sep 25-27, 2017 Dubai, UAE

9th Annual Congress on
Drug Formulation & Drug Design
Oct 19-21, 2017 Seoul, South Korea

10th International Conference on
Neuropharmacology and Neuropharmaceuticals
Oct 23-24, 2017 Dubai, UAE

3rd World Congress on
Medicinal Plants and Natural Products Research
Oct 02-04, 2017 Kuala Lumpur, Malaysia

6th Global Congress on
Mass Spectrometry
Oct 18-19, 2017 Osaka, Japan

16th Annual Medicinal & Pharmaceutical Sciences Congress
July 03-05, 2017 Kuala Lumpur, Malaysia

Meet Inspiring Speakers and Experts at our 3000+ Global Events Every year on Medical, Pharma, Engineering, Science, Technology, Business and 40 Varient fields

17th International Conference on
Nanomedicine and Nanotechnology in Health Care
Nov 23-24, 2017 Melbourne, Australia

10th International Conferences on
Immunopharmacology and Immunotoxicology
Nov 20-21, 2017 Melbourne, Australia

PHYSICAL THERAPY & REHABILITATION

5th International Conference and Exhibition on
Physical Medicine and Rehabilitation
Sep 11-12, 2017 Antonio, USA

4th International Conference on
Novel Physiotherapies
Aug 21-22, 2017 Birmingham, UK

World Physiotherapists & Physicians Summit
Jul 24-26, 2017 Melbourne, Australia

6th International Conference on
Physiotherapy
Nov 27-28, 2017 Dubai, UAE

PHYSICS

3rd International Conference on
Theoretical and Condensed Matter Physics
Oct 19-21, 2017 NewYork, USA

2nd International Conference on
Astrophysics and Particle Physics
Oct 30-Nov1, 2017 San Antonio, USA

8th International Conference and Exhibition on
Lasers, Optics & Photonics
Nov 02-04, 2017 San Antonio, USA

2nd International Conference on
Atomic and Nuclear Physics
Nov 8-9, 2017 Las Vegas, USA

6th International Conference on
Photonics
Jul 31-Aug 1, 2017 Milan, Italy

7th International Conference on
Laser Optics
Jul 31-Aug 2, 2017 Milan, Italy

2nd International Conference on
Physics
Aug 28-30, 2017 Brussels, Belgium

2nd International Conference on
Quantum Physics and Quantum Technology
Sep 25-26, 2017 Berlin, Germany

International Conference on **High Energy Physics**
Dec 11-12, 2017 Madrid, Spain

PSYCHIATRY

20th Euro Congress on
Psychiatrists and Psychologists
Aug 07-08, 2017 Madrid, Spain

23rd International Conference on
Adolescent Medicine & Child Psychology
Sep 28-29, 2017 Berlin, Germany

2nd Experts Meeting on
Forensic Psychology and Criminology
Oct 02-03, 2017 London, UK

24th International Conference on
Psychiatry & Psychosomatic Medicine
Oct 02-04, 2017 London, UK

19th Global Congress on
Pediatric & Child Psychiatry
Jul 12-13, 2017 Chicago, USA

25th World Summit on
Psychology, Psychiatry & Psychotherapy
Oct 19-20, 2017 San Francisco, USA

5th International Conference on
Counseling Psychology
Oct 16-17, 2017 Osaka, Japan

International Conference on
Psychiatry and Mental Health
Nov 20-21, 2017 Melbourne, Australia

10th World Psychiatrists Meet
Dec 07-08, 2017 Dubai, UAE

RESPIRATORY

5th International Conference and Exhibition on
Lung and Respiratory Care
Oct 19-20, 2017 San Francisco, USA

4th International Conference on
Respiratory and Pulmonary Medicine
Jul 17-18, 2017 Melbourne, Australia

SURGERY

9th Orthopedics Expo & Surgeons Meeting
Jul 12-13 , 2017 Chicago, USA

2nd International Conference on
Plastic and Aesthetic Surgery & Medicine
Jul 27-28, 2017 Vancouver, Canada

2nd International Conference on
Anesthesia and Analgesia
Sep 07-08, 2017 London, UK

6th International Conference and Exhibition on
Surgery
Sep 07-09, 2017 London, UK

2nd International Conference on
Ear, Nose and Throat Disorders
Oct 16-18, 2017 Madrid, Spain

10th Global Orthopedicians Annual Meeting
Jul 03-05, 2017 Kuala Lumpur, Malaysia

International Conference on
Ear Nose and Throat Disorders
Jul 06-08, 2017 Kuala Lumpur, Malaysia

International Conference on
Aesthetic Medicine
Jul 06-08, 2017 Kuala Lumpur, Malaysia

4th International Conference and Exhibition on
Rhinology and Otology
Oct 18-20, 2017 Dubai, UAE

TOXICOLOGY

10th Global Summit on
Toxicology and Applied Pharmacology
Jul 20-22, 2017 Chicago, USA

3rd Annual Genomics and Toxicogenomics Conference Sep 27-28, 2017 Chicago, USA

12th International Conference on
Environmental Toxicology and Ecological Risk Assessment
Oct 19-20, 2017 Atlanta,USA

11th International Congress on
Toxicology and Risk Management
Oct 10-12, 2017 London, UK

International Conference on
Occupational Toxicology and Industrial Health
Oct 16-17, 2017 Dubai, UAE

VACCINES

18th Global Summit and Expo on
Vaccines & Vaccination
Sep 18-19, 2017 Houston, USA

19th World Congress on **Vaccines, Therapeutics for Infectious and Emerging Diseases**
Oct 02-03, 2017 Chicago, USA

17th International Conference on
Children Vaccines
Aug 21-22, 2017 Birmingham, UK

27th Asia Pacific Vaccines & Vaccination Conference
Oct 05-07, 2017 Kuala Lumpur, Malaysia

29th Global Vaccines & Vaccination Summit And Expo
Nov 30-Dec 1, 2017 Dubai, UAE

VETERINARY

8th International Conference on
Animal Health and Veterinary Medicine
Oct 02-04, 2017 Toronto, Canada

9th Global Veterinary Summit
Nov15-16, 2017 Las Vegas, USA

7th International Veterinary Congress
Sep 04-06, 2017 Paris, France





2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK

Keynote Forum

Day 1

Danilo A Tagle, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-011

2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK



Danilo A Tagle

National Institutes of Health, USA

Innovative tools for drug development and disease modeling

There are fewer than 400 approved treatments for approximately 7000 rare diseases affecting more than 30 million Americans. The NIH have more than 30% of promising medications which failed in human clinical trials because they are determined to be toxic despite promising pre-clinical studies in animal models, and another 60% fail due to lack of efficacy. The challenge of accurately predicting drug toxicities and efficacies is in part due to inherent species differences in drug metabolizing enzyme activities and cell-type specific sensitivities to toxicants. These challenges are particularly acute for rare diseases, where adequate tools and resources are severely lacking. To address this challenge in drug development and regulatory science, the tissue chips program aims to develop alternative approaches that would enable early indications and potentially more reliable readouts of toxicity or efficacy. The goal this program is to develop bio-engineered microdevices that mimic functional units of the 10 major human organ systems: Circulatory, respiratory, integumentary, reproductive, endocrine, gastrointestinal, nervous, urinary, musculoskeletal and immune. The opportunities for significant advancements in the prediction of human drug toxicities through the development of microphysiological systems, requires a multi-disciplinary approach that relies on an understanding of human physiology, stem cell biology, material sciences and bioengineering. This unique and novel *in vitro* platform could help ensure that safe and effective therapeutics are identified sooner, and ineffective or toxic ones are rejected early in the drug development process. These microfabricated devices are also useful for modeling human diseases, especially for studies in rare diseases, as well as precision medicine, environment exposures, reproduction and development, infectious diseases, microbiome and countermeasures agents.

Biography

Danilo A Tagle is an Associate Director for special initiatives at NCATS. He also recently served as acting Director of the NCATS Office of Grants Management and Scientific Review and currently serves as Executive Secretary to the NCATS Advisory Council and Cures Acceleration Network Review Board. Prior to joining NCATS, he was a Program Director for Neurogenetics at the National Institute of Neurological Disorders and Stroke (NINDS), where he was involved in developing programs concerning genomics-based approaches for basic and translational research in inherited brain disorders.

tagled@mail.nih.gov

Abdulaziz Aldawood, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-011



Abdulaziz Aldawood

King Saud Bin Abdulaziz University, Saudi Arabia

Clinical course and outcomes of critically ill patients with middle-east respiratory syndrome coronavirus infection

Background: Since September 2012, 170 confirmed infections with Middle East respiratory syndrome coronavirus (MERS-CoV) havebeen reported to the World Health Organization, including 72 deaths. Data on critically ill patients with MERS-CoV infection are limited.

Objective: To describe the critical illness associated with MERS-CoV.

Design: Case series.

Setting: 3 intensive care units (ICUs) at 2 tertiary care hospitals in Saudi Arabia.

Patients: 12 patients with confirmed or probable MERS-CoV infection.

Measurements: Presenting symptoms, comorbid conditions, pulmonary and extrapulmonary manifestations, measures of severity of illness and organ failure, ICU course, and outcome are described, as are the results of surveillance of health care workers (HCWs) and patients with potential exposure.

Results: Between December 2012 and August 2013, 114 patients were tested for suspected MERS-CoV; of these, 11 ICU patients (10%) met the definition of confirmed or probable cases. Three of these patients were part of a health care–associated cluster that also included 3 HCWs. One HCW became critically ill and was the 12th patient in this case series. Median Acute Physiology and Chronic Health Evaluation II score was 28 (range, 16 to 36). All 12 patients had underlying comorbid conditions and presented with acute severe hypoxemic respiratory failure. Most patients (92%) had extrapulmonary manifestations, including shock, acute kidney injury, and thrombocytopenia. Five (42%) were alive at day 90. Of the 520 exposed HCWs, only 4 (1%) were positive.

Limitation: The sample size was small.

Conclusion: MERS-CoV causes severe acute hypoxemic respiratory failure and considerable extra pulmonary organ dysfunction and is associated with high mortality. Community-acquired and health care–associated MERS-CoV infection occurs in patients with chronic comorbid conditions. The health care–associated cluster suggests that human-to-human transmission does occur with unprotected exposure.

Biography

Deputy Chairman, Intensive Care Department, Consultant, Pulmonary and Critical Care Medicine, Professor, King Saud Bin Abdulaziz University for Health Sciences, Riyadh, Kingdom of Saudi Arabia, Dr.AlDawood graduate from College of Medicine in Kingdom of Saudi Arabia. Then he completed the Residency in Internal Medicine Program in McMaster University in Canada He obtained Critical Care and Respirology Fellowship Program in McMaster University, Canada (Jul 97-Jun 00). In July 2000, he joined King Abdulaziz Medical City, Riyadh, Saudi Arabia as a Consultant in Critical Care and Pulmonary Medicine up to the present. He is currently the Deputy Chairman of the Intensive Care Department and Professor in King Saud Bin Abdulaziz University for Health Sciences. In addition, he has more than 40 publications including articles in the New England Journal of Medicine (NEJM), JAMA, American Journal of Respiratory Critical Care Medicine, BMC Anesthesiology, and Critical Care Medicine.

aldawooda@hotmail.com





2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK

Workshop

Day 1

Martine Zimmermann, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012



Martine Zimmermann

Alexion Pharmaceuticals, Inc., Switzerland

Development of orphan medical products

Overview: This track will discuss opportunities and challenges associated with developing drugs for rare and ultra-rare diseases, and the use of novel approaches to bridge these challenges and successfully bring important lifesaving therapies to patients in need.

Context/Details: Between 5,000 and 8,000 districts, rare diseases exist affecting around 27 million to 36 million people in the European Union. Collectively, these diseases represent a significant proportion of the population, and a growing healthcare concern since many of these rare disorders are serious conditions with no approved treatments. Since roughly 80% of these diseases have identified genetic origin, our scientific understanding of and ability to target these diseases is growing. Technological advances and our increased understanding of underlying disease biology has aided in the development of several groundbreaking therapies over the past ten years. In addition, heightened public policy support and push to find treatments for patients with rare and devastating diseases has helped in the adoption of legislative vehicles and regulatory programs that compliment scientific discovery and provide important development and financial incentives to companies to bring new targets from bench to bedside. Among them include expedited development and approval programs that offer enhanced regulatory dialogue and support for developers from early stages of clinical development through to approval. More and more we see appreciable regulatory support for innovative program design and increased regulator openness in applying regulatory flexibilities. All these factors have aided in the approval of important medicines for ultra-rare and devastating diseases. Yet challenges do persist in the development process; chief among them is the absence of knowledge about the disease itself, which is needed to inform important aspects of clinical development. Natural history for rare diseases is often poorly described or missing altogether given the small affected populations who themselves have variable phenotypes and clinical courses. For developers, it is important, early in the development process, to assess the depth and quality of this information so that a parallel study might better inform the development process. In this track, we will discuss the pathway to the development of rare diseases, starting with this most critical first step of assessing and acquiring knowledge of the disease itself through natural history studies. We will discuss endpoint selection, innovative design and leveraging expedited programs to help with small data sets. We will discuss ways in which frequent and early communication is essential. Finally, we will bring all these points together by using a real life example/case study.

Biography

Martine Zimmermann is a Vice President of Global Regulatory Affairs at Alexion. She is based in Zurich. She has over 20 years of combined R&D and global regulatory strategy experience. She joined Alexion in 2009 and since then has been dedicated to the registration of orphan medical products as well as shaping a favorable regulatory environment for orphans Throughout her career, she has been directly involved in multiple regulatory approvals across the globe and most recently Strensiq approval in 2015 in Japan, Europe and US. She received her PharmD from University Louis Pasteur in Strasbourg (France).

martine.zimmermann@alexion.com





2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK

Scientific Tracks & Abstracts

Day 1

Sessions

Pediatric Rare Diseases | Therapies for Rare Diseases | Other Rare Diseases | Current Research on Rare Diseases | Rare Diseases of Immune System | Genetic Diseases and Disorders

Session Chair
Nadia Ameen
Yale University School of Medicine, USA

Session Co-chair
Wei Zheng
National Institutes of Health, USA

Session Introduction

Title: **Ion transport defects in microvillus inclusion disease**
Nadia Ameen, Yale University School of Medicine, USA

Title: **Drug repurposing screen for rapid identification of therapeutics for zika virus infection**
Wei Zheng, National Institutes of Health, USA

Title: **Neglected tropical diseases: Road to control, elimination and eradication by 2020**
Diego-Abelardo Alvarez-Hernandez, Anahuac University, Mexico

Title: **Treatment of early onset scoliosis associated with rare disease**
Stefano Giacomini, Rizzoli Orthopaedic Institute, Italy

Title: **Retrodifferentiation in the treatment of a rare condition: Acquired aplastic anaemia**
Ilham Abuljadayel, TriStem Corp Ltd, UK

Title: **Current challenges on chagas disease**
Jorge-Alberto Ascencio-Aragón, Anahuac University, Mexico

Title: **Pathway-Centric analysis of rare autoinflammatory diseases (AID) and drug repurposing**
Patrick J Tighe, University of Nottingham, UK

Title: **Consulting for a combination of molecular defects for variable expression**
Yingjun Xie, The Third Affiliated Hospital of Guangzhou Medical University, China

Nadia Ameen, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Ion transport defects in Microvillus Inclusion Disease (MVID)

Nadia Ameen
Yale University School of Medicine, USA

MVID is a rare congenital disease that results in severe secretory diarrhea (SD) and death in newborns. B rush border (BB) defects, villus atrophy and microvillus inclusions (MVIs) in enterocytes are associated with the diarrrhea. Loss of function mutations in the actin motor Myosin Vb (Myo5b) is responsible for most cases of MVID. How loss of Myo5b results in secretory diarrhea is unknown. The study used Myo5b loss of function human MVID intestine, polarized intestinal cell models of secretory crypt (T84) and villus resembling (C2BBe) enterocytes lacking Myo5b in conjunction with immunofluorescence confocal gSTED imaging, immunohistochemical staining, TEM, shRNA silencing, immunoblots, and electrophysiologic approaches to examine the distribution, expression and function of the major BB ion transporters (Na^+ (NHE3), Cl- (CFTR) and Cl-/HCO_3- (SLC26A3, DRA), that control intestinal fluid transport. NHE3 and DRA localization and function were markedly reduced on the BBM of human MVID enterocytes and Myo5bKD C2BBe cells, while CFTR localization was preserved. Forskolin-stimulated CFTR ion transport in Myo5bKD T84 cells resembled that of control. Preservation of functional CFTR in immature enterocytes, reduced functional expression of NHE3 and DRA contribute to Cl- and Na+ stool loss in MVID diarrhea.

Biography

Nadia Ameen completed her Medical Degree from the University of the West Indies, Jamaica. She completed training in Pediatrics at Children's Hospital Wisconsin and then pursued Post-doctoral fellowship in Gastroenterology at Yale University School of Medicine. She is the Principal Investigator of an NIH supported research laboratory at Yale University, and studied CFTR and diarrheal diseases for over 20 years. She was the first to recognize a trafficking defect in MVID before a genetic defect was identified. She has authored more than 30 papers in reputed journals and serves as an Editorial Board Member for several journals.

nadia.ameen@yale.edu

Notes:

Wei Zheng, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Drug repurposing screen for rapid identification of therapeutics for zika virus infection

Wei Zheng
National Institutes of Health, USA

Zika virus infection with complications of microcephaly and other complications has emerged as a health threat in many countries where the infection has been reported in over 60 countries. Vaccines and therapeutics are currently unavailable for the Zika virus infection. We have developed several compound screening assays and carried out the drug repurposing screens to identify potential therapeutics for the Zika virus infection. The newest results on drug repurposing screens and Zika virus drug development will be presented in this talk.

Biography

Wei Zheng received his PhD in Pharmacology from the State University of New York at Buffalo. He had worked for 12 years in pharmaceutical companies (Berlex, Amgen, and Merck) for drug discovery and development. Since 2005, he has worked at National Institutes of Health for development of therapeutics for rare and neglected diseases. He has identified several drugs from drug repurposing screens and advanced two of them to clinical trials. Currently, he is working on the therapeutics development for lysosomal storage diseases, drug resistant cancer and infectious diseases.

wei.zheng@nih.gov

Notes:

Diego-Abelardo Alvarez Hernandez, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Neglected tropical diseases: Road to control, elimination and eradication by 2020

Diego-Abelardo Alvarez Hernandez
Anahuac University North Campus, Mexico

Neglected Tropical Diseases (NTDs) are a diverse group of bacterial, parasitic and viral diseases that proliferate in tropical and subtropical environments through 149 countries. Currently, more than 1.4 billion people living in Africa, America and Asia are affected by at least 1 of the 17 NTDs recognized by the World Health Organization (WHO). NTDs are called neglected because they have been largely wiped out of the most developed areas, but they have persisted in the poorest and most marginalized societies, where inadequate sanitation due to the lack of clean water and poor hygiene, frequent contact with vectors and reservoirs and inadequate healthcare services prevail. If left untreated, NTDs may cause substantial illness and tremendous physical and emotional suffering, hampering children from attending to school and reducing adults economic productivity. As a result, families and communities become trapped in a cycle of disease and poverty. Fortunately, NTDs can be effectively managed if proper measures are implemented. While they have been around for centuries, the team effort to fight them is brand new. In 2011, the WHO Strategic and Technical Advisory Group for Neglected Tropical Diseases drew a roadmap for control, elimination and eradication for the 2012-2020 periods and in 2012, a community of partners endorsed the London Declaration on Neglected Tropical Diseases to commit themselves to enhance a better and accelerated response by working in alliance. As we consider both events as a historic set point to change the course of NTDs and as we find ourselves at half of the way of the planned period, it is time to analyze where do we stand on the roadmap and what areas of improvement should be reinforced. We still can achieve targets, but additional commitment is needed and each health professional should play its role to reach those left behind.

Biography

Diego-Abelardo Alvarez Hernandez has his expertise in awareness, education, research and fundraising for neglected tropical diseases. As a Medical Surgeon with interest and passion for infectious diseases, he is currently studying Master of Medical Sciences at Anahuac University North Campus. He does laboratory research on Chagas disease at the Department of Microbiology and Parasitology of the National Autonomous University of Mexico. He has been working for several years on Antimicrobial Resistance at the Health Sciences Faculty of the Anahuac University North Campus. Nowadays, he is working for the Coordination of Medical Services of the Mexican Red Cross PAR Huixquilucan Office and is a former member of the END7 Campus Leaders Council and of Young Researchers Track of the Global Network for Neglected Tropical Diseases, an initiative of the Sabin Vaccine Institute. He has just joine¬¬¬¬d the American Society of Tropical Medicine and Hygiene.

diego.alvarez.hernandez@hotmail.com

Notes:

Stefano Giacomini et al., J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Treatment of early onset scoliosis associated with rare disease

Stefano Giacomini[1], Tiziana Greggi[1], Elena Maredi[1], Mario Di Silvestre[1], Francesco Vommaro[1], Aristide Morigi[1], Maria Renata Bacchin[1], Valerio Pipola[1] and **Francesca Pastorelli[2]**
[1]Rizzoli Orthopaedic Institute, Italy
[2]Bellaria Hospital Via Altura, Italy

Background: Treatment of non-idiopatic spine deformities in young children is very demanding. Rare syndromes are various clinical conditions, heterogeneous in terms of clinics but associated with spinal deformities in a large percentage of cases. Scoliosis is the most common early onset deformity, sometimes present at birth and often rapidly evolving. Due to the complexity of its clinical aspects and early onset a multidisciplinary and timely approach is mandatory. The purpose of this study is to describe an approach to spinal deformities in rare syndromes and assess the effectiveness of surgical treatment with growing systems (growing rod, magnetic rod and VEPTR-like system) at a young age.

Methods: A retrospective study of 11 paediatric patients (7 females and 4 males) treated at the authors' department for early onset scoliosis associated with rare syndromes was performed. The patients had been surgically treated for scoliosis with growing systems, i.e. Growing Rod System, VEPTR and GSP, between 2006 and 2010 at the authors' spine surgery department. Mean follow-up was 24 months (range, 12 to 36 months). Mean age at surgery was 7 years and the patients presented with the following clinical conditions: Escobar syndrome (1), scoliosis associated with congenital heart disease (1), Arnold-Chiari type 1 malformation (1), scoliosis associated with syringomyelia (1), type 1 neurofibromatosis (2), Prader-Willi syndrome (1), trisomy 8 (1), arthrogryposis (2) and spondylo-rib dysplasia (1). Each patient was investigated from the genetic point of view performing the following exams: Brain and spine MRI, PFR, cardio-US and abdominal US, neuropsychiatric and neurological evaluation and a specific C0-C1-C2 CT scan to assess any instability, above all when some syndromes, such as arthrogryposis, were involved.

Results: After a total of 11 lengthening procedures, performed 11 months after surgery on average, a correction of the thoracic curve of 63% was observed at the last follow-up and the Cobb angle on average had decreased from 61° to 31°. A total of 8 postoperative complications were encountered, 2 of which required a revision surgery not originally planned.

Conclusions: The growing systems are good devices which have proved effective in the treatment of early onset scoliosis associated with rare syndromes, when deformities are very aggressive on account of the peculiar features of the syndromes and, subsequently, are difficult to be controlled conservatively. Both clinical and instrumental evaluation performed specifically for each patient were of the utmost importance, since the peculiar features of each syndrome had to be assessed together with the common characteristics of scoliosis shared by all patients. PFR evaluates the young patients' life quality indirectly; cardio-US and abdominal US are useful in the study of visceral malformations; brain and spine MRI can detect spinal cord malformation, that is to say contraindications to surgery, and is mandatory for thorough preoperative planning. The indication for traditional Growing Rod, or Magnetic rod, rather than VEPTR/GSP should be given according to patient's age and considering the presence of thoracic hyper kyphosis or chest deformities.

Biography

Stefano Giacomini is a Medical Director and performs orthopedic examinations in Free Job regime at the Outpatient Clinic of Rizzoli. He has done his specialization in Orthopedics and Traumatology in 2001 at the University of Bologna. He is the author of over 50 scientific publications. He has participated, even as a speaker at dozens of national and international conferences and 'socio GIS (Italian Scoliosis Group).

stefano.giacomini@ior.it

Notes:

Ilham Abuljadayel, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Retrodifferentiation in the treatment of a rare condition: Acquired aplastic anaemia

Ilham Abuljadayel
TriStem Corp Ltd, UK

Stem cells can offer cures to treat many rare diseases, which can be used to correct a plethora of genetic conditions or replenish damaged tissue and cells in acquired disorders, in allogeneic or autologous manners, respectively. The limiting factors for such applications are; the availability and quantity of the stem cell source, the identification of a suitable histocompatible donor and the aggressive nature of ablation therapies that enable engraftment. On the other hand, retrodifferentiation technology which is similar to epimorphic regeneration, albeit, occurs *ex vivo*, offers a rapid additional source of stem cells with high efficiency. The process involves dedifferentiation/retrodifferentiation of mature adult cells such as peripheral leukocytes into a heterogeneous population of stem cells belonging to a give tissue. Retrodifferentiation procedure produces unlimited supply of stem cells from patient or donor blood which have been shown to be safe as well as capable of long term engraftment. Furthermore, the autologous retrodifferentiated stem cells have been shown to engraft human bone marrow in the absence of ablation, in a rare disease such as acquired aplastic anaemia. This presentation will focus on the production of multipotent stem cells prepared from mononuclear cells and its application in the treatment of aplastic anaemia, a rare condition if left untreated lead to rapid morbidity.

Biography

Ilham Abuljadayel discovered the process of retrodifferentiation in the early nineties. This direct reprogramming of differentiated somatic cells is achieved through cell surface receptor contact of more mature adult human cells such as leucocytes. She was awarded worldwide patents on the methodology and device, enabling the production of unprecedented levels of pluripotent stem cells from differentiated cells. Based on her research, she co-founded the TriStem Group. She worked as a Consultant Immunologist at the King Fahd Armed Forces Hospital in Jeddah, and then, she headed the TriStem Research on retrodifferentiation at the London Hospital, Kings College, Downing College University of Cambridge and Addenbrooke Hospital. She performed the first preclinical study on the functional utility of the autologous retrodifferentiated stem cells in collaboration with the George Washington Medical centre, USA, in two animal models of human diseases. She, in a clinical human trial, applied the autologous retrodifferentiated stem cell therapy in aplastic anemia and beta thalassemia-major in collaboration with the Indian Council of Medical Research and the Pakistan Medical Research Council, respectively. She currently resides in the UK and remains the Head of Research for Clinical Application of the autologous retrodifferentiated stem cell therapy in haematological and degenerative diseases.

iabuljadayel@tristemcorp.com

Notes:

Jorge-Alberto Ascencio-Aragón, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Current challenges on chagas disease

Jorge-Alberto Ascencio-Aragón
Anahuac University North Campus, Mexico

Chagas disease or American trypanosomiasis is recognized by the World Health Organization as one of the 18 neglected tropical diseases. It is estimated that there are between 7-8 million people infected, between 65-100 million people at risk of becoming infected and it causes nearly 12,000 deaths per year worldwide. Chagas disease is endemic of 21 Latin American countries, but the expanding migrational flows have made the disease an international health priority. It is a parasitic zoonosis caused by *Trypanosoma cruzi*, a protozoan with high genetic and phenotypic diversity that can be principally transmitted to human beings by the faeces of blood-sucking triatomines. Other mechanisms of transmission include; blood transfusions, organ or bone marrow transplants, from mother to child, by ingestion of food or drinks contaminated with triatomine faeces and due to occupational exposure. Chagas disease has a very broad-spectrum of clinical manifestations, depending upon the phase at where the patient is. Acute phase is characterized for passing unnoticed in 95% of the cases, unless Romaña's sign or chagoma develops at the inoculation site. Chronic phase is characterized for developing cardiac or gastrointestinal disease that lead to increased morbi-mortality. Diagnosis can be done with the combination of epidemiological background and clinical manifestations, if present, but laboratory tests are required for confirmation. Benznidazole and Nifurtimox are the only drugs available for treating the disease and meanwhile the efforts to formulate vaccines remain insufficient, patients suffer from a preventable disease whose main risk factor for acquiring it is living in poor and marginalised societies. Control of vector-borne transmission remains to be a challenge in endemic countries as it is related to low socioeconomic status, while serological screening at blood banks and monitoring of all pregnant women for non-vector-borne transmission can be effective to control the disease in non-endemic countries.

Biography

Jorge-Alberto Ascencio-Aragón is a Medical Surgeon with special interest on Infectious Diseases. He has been doing laboratory and clinical research on antimicrobial resistance and human gut microbiota for several years and recently he started doing laboratory research on Chagas disease at the Department of Microbiology and Parasitology of the National Autonomous University of Mexico. Currently, he is working at the Coordination of Health Sciences at Anahuac University South Campus while he studies a Master's degree of Directorate of Health Services at Anahuac University North Campus. He is a former member of the END7 Mexico Chapter of the END7 Campaign and of the Anahuac University Neglected Tropical Diseases Interest Group.

jorgeascarg@gmail.com

Notes:

Patrick J Tighe, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Pathway-Centric analysis of rare autoinflammatory diseases (AID) and drug repurposing

Patrick J Tighe
University of Nottingham, UK

The rare hereditary autoinflammatory periodic syndromes are the result of specific mutations in a range of genes ultimately affecting innate immune response mechanisms, yielding a pro inflammatory state. Despite single genes being causative, the inflammatory consequences are widespread. To better understand the underlying mechanisms associated with TNF receptor-associated Periodic syndrome (TRAPS), as a prototypic model of an AID, we have undertaken extensive examinations of intracellular signalling pathways and cytokines associated with inflammatory responses in such patients, and then applied this roadmap of a perturbed, generally overactive signalling network to seek existing pharmacological drugs which can suppress one or more of the affected pathways, with the goal of repurposing existing drugs for the benefit of TRAPS patients. Several classes of small molecule compound have been identified which show potential benefits, and further classes of small compounds have been derived from in-silico structure and functional comparisons to existing chemical library data.

Biography

Dr Paddy Tighe is Associate Professor of Immunology within the School of Life Sciences, The University of Nottingham. Dr Tighes laboratory studies dysregulated immune function and biomarkers associated with a range of chronic diseases with immune system involvement focusing on the orphan autoinflammatory syndromes, and TNF-receptor-associated periodic syndrome (TRAPS) in particular. We were first to report the ligand-independent signaling processes triggered by intracellular accumulation of mutant TNFR1 in TRAPS and our MRC –funded development of high-throughput, high-content methods for intracellular signalling analysis has provided insight into the underlying mechanisms and potential targets for novel therapeutic agents for TRAPS. Current interests are comprehensive mapping of the TRAPS-associated inflammatory phenotype for improved diagnostics and identification of novel therapeutics and associated research into drug-repurposing for TRAPS treatment.

paddy.tighe@nottingham.ac.uk

Notes:

Yingjun Xie et al., J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Consulting for a combination of molecular defects for variable expression

Yingjun Xie[1], **Haiming Yuan**[2, 3] and **Xiaofang Sun**[1]
[1]The Third Affiliated Hospital of Guangzhou Medical University, China
[2]Guangzhou KingMed Center for Clinical Laboratory Co., Ltd, China
[3]Guangzhou Medical University, China

Background: Expressivity is variable for most of the molecular defects. However, achondroplasia is a well-defined and common bone dysplasia, with an incidence of approximately 5-15 per 100,000 live births. Gain-of function mutations in FGFR3 have been shown to cause both chondrodysplasias and craniosynostoses and to result in impaired endochondral ossification.

Case Presentation: A 2-year-old boy with clinical features consistent with achondroplasia and Silver-Russell syndrome-like symptoms was studied. The patient exhibited features such as scoliosis and a trident configuration of the hands, all of which can be explained by a mutations in FGFR3 at c.1138 G >A (p.Gly380Arg). However, prenatal onset growth delay, the speech delay, hypotonia and small triangular face phenotypes were not commonly reported in previous cases of ACH. We further detected a three-fold increase in GRB10 expression. Combining with previous other studies, the one unique feature of this patient that can be directly linked to a GRB10 duplication is the prenatal onset growth delay.

Discussion: The data related to the patient described in the present study at least suggest that mutations in FGFR3 cause ACH, but do not influence the effects of the duplication of GRB10 on prenatal onset growth delay in SRS. The results of our study also suggest that phenotypes are rarely "simple" or directly related to specific gene defects and that combinations of uncommon, rare and exceptional molecular defects, which can be explored and used in diagnoses, may explain the so-called variability observed in the expression of dominant traits.

Biography

Yingjun Xie, PhD, is working in the Key Laboratory for Major Obstetric Diseases of Guangdong Province, China. She is doing her research in Clinical Genetic Disorders (such as Down syndrome, microdeletion/microduplication syndrome, autism, dissociative disorders and identity disorder).

fairyfareyj@sina.com

Notes:





2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK

Keynote Forum

Day 2

Stefano Giacomini, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-011



Stefano Giacomini

Rizzoli Orthopedic Institute, Italy

Neurofibromatosis and spinal deformities: The severity in pediatric age and treatment

Background: Scoliosis in neurofibromatosis type I (NF-I) ranges from 10% to 60%; can be divided into three groups 1) dystrophic scoliosis, 2) non-dystrophic scoliosis and 3) early onset scoliosis. Surgical treatment is very demanding in early onset, severely progressive spinal column deformities.

Materials & Methods: Twenty-three patients, aged between 4 and 11 years, were surgically treated at the Authors' Spine Surgery Division in the past 15 years. Mean follow-up is 5 years (range, 18 months to 15 years). Mean age at the time of surgical procedure was 9.1 years (range, 4 years to 11 years). Average scoliosis was 48° (range, 38° to 82°) and skeletal maturity according to Risser sign was 0 in all of the patients. Patients were divided into 2 groups according to the surgical procedure adopted. Posterior only instrumentation was performed in 16 patients those presented with a thoracic kyphosis lower than 50° (Group A), in the remaining 7 patients showing thoracic kyphosis exceeding 50°, combined anterior and posterior instrumented arthrodesis was performed (Group B). One patient, belonging to Group A, was instrumented with growing rod without fusion.

Results: Average correction of scoliosis was 60%, overall complication rate 24% and major 7%. Crankshaft phenomenon was observed in 21% (Group A). In these cases, anterior arthrodesis was performed after a mean 15-month from first surgical procedure. Fusion failure was observed in 1 (Group B) patient who underwent revision of posterior instrumentation. Clinical and radiographic evaluation at F-up showed good outcome in terms of deformity progression and quality of life.

Conclusion: Early and aggressive surgery is the most effective management for dystrophic curves in neurofibromatosis which was proven. Our experience confirms the need for spinal stabilization even in pediatric age in rapidly progressive spinal deformities. The growing rod technique should be carefully evaluated in each single case.

Biography

Stefano Giacomini is a Medical Director and performs orthopedic examinations in Free Job regime at the Outpatient Clinic of Rizzoli. He has done his specialization in Orthopedics and Traumatology in 2001 at the University of Bologna. He is the author of over 50 scientific publications. He has participated, even as a speaker at dozens of national and international conferences and 'socio GIS (Italian Scoliosis Group).

stefano.giacomini@ior.it





2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK

Scientific Tracks & Abstracts

Day 2

Rare Hereditary Diseases | Rare Ophthalmological Diseases | Genetic Diseases and Disorders | Strategies for Diagnosis &Treatment | Undiagnosed Rare Diseases

Session Chair
Patrick J Tighe
University of Nottingham, UK

Session Introduction

Title: **Paracrine action of human mesenchymal stem cells for muscle diseases**

Jong Wook Chang, Samsung Medical Center, South Korea

Title: **Splice modulation therapy for inherited retinal diseases**

Rob W J Collin, Radboud University Medical Center, Netherlands

Title: **Management of rare diseases: An integrated approach to break down barriers and facilitate patient access to healthcare**

Gayathri Balasubramanian, Focus Scientific Research CenterPhamax, India

Title: **The diagnostic challenge of rare diseases: Lack of knowledge or leaking method?**

Shmuel Prints, Clalit Health Service, Israel

Title: **Hereditary spastic paraplegias phenotype constitute part of broader rare genetic mendelian inherited disorders**

Alice Abdel Aleem, Weill Cornell Medical College, Qatar

Jong Wook Chang, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Paracrine action of human mesenchymal stem cells for muscle diseases

Jong Wook Chang
Samsung Medical Center, South Korea

The role of Wharton's jelly-derived human mesenchymal stem cells (WJ-MSCs) in inhibiting muscle cell death has been elucidated in the present study. Apoptosis induced by serum-deprivation in mouse myoblast cell lines (C2C12) was significantly reduced when the cell lines were co-cultured with WJ-MSCs in a transwell system. Antibody arrays indicated high levels of chemokine (C motif) ligand (XCL1) secretion by co-cultured WJ-MSCs and XCL1 protein treatment resulted in complete inhibition of apoptosis in serum-starved C2C12 cells. Apoptosis of C2C12 cells and loss of differentiated C2C12 myotubes induced by lovastatin, another muscle cell death inducer, was also inhibited by XCL1 treatment. However, XCL1 treatment did not inhibit apoptosis of cell lines other than C2C12. When XCL1-siRNA pretreated WJ-MSCs were co-cultured with serum-starved C2C12 cells, apoptosis was not inhibited, thus confirming that XCL1 is a key factor in preventing C2C12 cell apoptosis. We demonstrated the therapeutic effect of XCL1 on the zebrafish myopathy model, generated by knock down of a causative gene ADSSL1 encoding a muscle isozyme of adenylosuccinate synthase. The exogenous expression of XCL1 resulted in significant recovery of the zebrafish skeletal muscle defects. These results suggest that human WJ-MSCs and XCL1 protein may act as pro-mixing and novel therapeutic agents for treatment of myopathies and other skeletal muscle diseases.

Biography

Jong Wook Chang has his expertise in Translational and Clinical Research of stem cells for neurological diseases including CNS and PNS. Especially, he has made effort to identify soluble factors secreted from human mesenchymal stem cells (MSC) to understand therapeutic effect of MSC. In addition, now he is responsible for management of cGMP facility in Samsung Medical Center to produce clinical grade of MSC for clinical trials.

jongwook.chang@samsung.com

Notes:

Rob W J Collin, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Splice modulation therapy for inherited retinal diseases

Rob W J Collin
Radboud University Medical Center, The Netherlands

Statement of the Problem: Inherited retinal diseases (IRDs) are characterized by severe and progressive visual impairment, often leading to complete blindness. IRDs display a tremendous genetic and clinical heterogeneity, and to date, no effective treatment exists. A significant fraction of the genetic defects underlying IRD affect pre-mRNA splicing of the corresponding gene. We therefore decided to employ antisense oligonucleotides (AONs) to develop splice modulation therapy for specific genetic subtypes of IRD. AONs are small and versatile DNA/RNA molecules that bind complementary to their target pre-mRNA molecule and are able to redirect pre-mRNA splicing.

Methodology & Theoretical Orientation: Fibroblast cell lines derived from patients harboring mutations that affect pre-mRNA splicing were generated and cultured in the presence of AONs that are specifically designed to correct pre-mRNA splicing. In some cases, fibroblasts were first reprogrammed to induced pluripotent stem cells that were subsequently differentiated to photoreceptor precursor cells, and then treated with AONs. RT-PCR analysis was performed to study the efficacy of AON treatment, and for some cell lines, Western blot analysis or immunocytochemical analysis was performed to determine the effects at the protein and cellular level.

Findings: AON administration to patient-derived fibroblast cells harboring a recurrent splice mutation underlying severe early-onset IRD, i.e. c.2991+1655A>G in CEP290, resulted in full restoration of CEP290 pre-mRNA splicing, a significant increase in CEP290 protein levels, and rescue of a ciliary defect. In addition, AON delivery to patient cells with splice mutations in ABCA4 resulted in correction of the splice defects. Studies targeting additional mutations affecting pre-mRNA splicing that underlie IRD are currently ongoing.

Conclusion & Significance: Splice modulation therapies represent a promising and attractive strategy for the future treatment of specific genetic subtypes of IRD.

Biography

Rob W J Collin is an Associate Professor at the Department of Human Genetics, at the Radboud University Medical Center in Nijmegen, The Netherlands, and is affiliated to the Donders Institute for Brain, Cognition and Behaviour. During his Post-doc, he was involved in the identification of several novel genes underlying inherited hearing impairment, and inherited retinal diseases. From 2010, he switched his research focus towards the development of Molecular Therapies for Inherited Eye Disorders, in particular those that involve the modulation of pre-mRNA splicing. In 2010, he worked in the lab of Prof. Dr. Jean Bennett, a pioneer in the development of retinal gene therapy. He was awarded with a prestigious VENI Award from the Dutch Organization of Scientific Research (2010), an Individual Investigator Award from the Foundation Fighting Blindness (2012), and recently received the IJMS Young Investigator Award (2017).

rob.collin@radboudumc.nl

Notes:

Gayathri Balasubramanian, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Management of rare diseases: An integrated approach to break down barriers and facilitate patient access to healthcare

Gayathri Balasubramanian
Focus Scientific Research Center - Phamax, India

Background: In Europe, a rare disease is a disease that affects less than 1 in 2000. Although this seems to affect a fraction of the population, collectively it imposes a colossal. Rare diseases are disabling, dramatically reducing the quality of life, hampering routine activities and autonomous survival. Rare diseases management is intricate and varies across geographies. Understanding the complexities is important to resolve issues and improve care.

Methodology: Secondary research of published and grey literature is reviewed.

Findings: Some of the challenges encountered in rare diseases management are delayed or misdiagnosed, lack of awareness on diseases/management, lack of quality healthcare at proximity, struggles to continued care, treatment access, and social consequences. In recent times, stakeholders such us healthcare providers, patient organizations, pharmaceutical companies, regulatory bodies and policy makers have taken many initiatives to resolve these challenges. National polices/plans are devised exclusively to manage rare diseases. Compassionate use programmes have encouraged research and provided accelerated entry of orphan drugs into the market. Organizations like EURORDIS have given voice to more than 300 rare disease organizations in over 30 countries. While these stakeholders individually have endeavored to improve healthcare and social care, the complex challenges demand novel and integrative approach to effectively manage the rare diseases scenario (Figure). Additionally, leveraging on technology to create unified platforms and eHealth/mHealth programs can aid quick and better reach.

Recommendation: Literature review has established some challenges and approaches to overcome them. However, in order to develop and implement an integrative approach in practice, the current drivers and barriers to effective management must be clearly explored. This demands a sequential explanatory research (quantitative study followed by qualitative) to explain quantitative results on current practices by exploring certain outcomes (especially unexpected ones) in depth. Eventually, an integrated approach can be developed to successfully address concerns and strengthen the management

Biography

Gayathri Balasubramanian is a Scientific Advisor at FSRC, part of phamax AG. She holds a Master's in Clinical Research from the University of Sheffield, UK. She was awarded the "Graduate Award" and "Skills for Work" by the University of Sheffield and other top global organizations for academic, volunteering and extracurricular activities during her tenure there. She has 4 years of progressive experience in the healthcare research domain and she is proficient in primary and secondary research (various assignments employing mixed methods research), systematic reviews and critical appraisal, stakeholders identification, liaison and engagement and publications. She has worked on diverse projects in market assessment, market access, policy shaping, forecasting and epidemiology in therapeutic areas of rare diseases, oncology, diabetes, cardiovascular diseases and infectious diseases.

gayathri.balasubramanian@fs-researchcenter.com

Notes:

Shmuel Prints, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

The diagnostic challenge of rare diseases: Lack of knowledge or leaking method?

Shmuel Prints
Clalit Health Service, Israel

Statement of the Problem: Rare diseases usually take an inordinately long time to be diagnosed. This delay is traditionally explained by the low suspicion rate of physicians towards rare disorders, and their lack of knowledge of these items. I would like to propose that this does not consider the main culprit of clinical diagnostic workup, algorithmic search.

Methodology & Theoretical Orientation: The classification algorithm is a step-by-step process for exclusion from all possible entities except right. In every step, it considers one feature of the case. Depending on whether this case displays the feature or not, the algorithm dictates the next explored sign. There are multiple algorithms or "classification trees" for the same signs. The recognition of diagnostic symptoms and signs in current medicine is never exact. Therefore, any classification tree has missed diagnoses. For ancient medical traditions and newest insurance imperatives, the best algorithm must have minimal mistakes. The result of this approach is a quick and accurate diagnosis of the most frequent and well-known diseases, and neglect of rare clinical entities. New approaches to medical diagnosis base on machine learning. They traditionally focus on maximizing the recognition rates and suffer from the same defect.

Conclusion: To better recognize rare diseases, we need to take a different way to their diagnosis in general.

Biography

Shmuel Prints is a certified Internal Diseases Specialist with a long-term experience in outpatient practice. He has special interest in Rheumatology & Lung Diseases areas. He acquired his knowledge of statistic methods in medicine from Public Health Training in Ben-Gurion University, Israel. This led to his collaboration with Prof. Leonid Naumov, a Pioneer in algorithm using for medical diagnose. Furthermore, he developed a unique crowd sourcing system for diagnosing rare disorders, based on an understanding of mathematical methods for machine learning. The system's innovation lies in ranking the doctor's presentation of the patient and not the diagnostic assumptions.

www.ndcmedicine.com
andyc4pr@gmail.com

Notes:

Alice Abdel Aleem et al., J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-012

Hereditary spastic paraplegias phenotype constitute part of broader rare genetic mendelian inherited disorders

Alice Abdel Aleem[1], **Mahmoud F Elsaid**[2], **Nader Chalhoub**[1], **Khalid Ibrahim**[2], **MajidKamli**[1], **Firas AlTae**[1], **Omer F Kuzu**[1] and **Arun Sikaruar**[1]
[1]Weill Cornell Medical College, Qatar
[2]Hamad General Hospital, Qatar

Hereditary Spastic Paraplegias (HSPs) are a group of rare neurological diseases of remarkable clinical and genetic heterogeneity. Cardinal features involve lower limbs spasticity, abnormal gait and difficult walking that eventually ends, in most of the cases, in being a wheel chair bound. Interestingly, presentation in patients with HSPs, particularly the autosomal recessive forms is much more than lower limbs spasticity and difficult walking. The variable association with developmental delay, psychomotor retardation, learning disabilities or even mental retardation, retinopathy, skin changes, distinctive brain malformation, ataxia, or extrapyramidal involvements brings up AR-HSPs as rare syndromes of broad clinical spectrum rather than just neurodegenerative spastic movement disorders. The axonal transport machinery, altered in HSP, comprises elaborate components of motor proteins, microtubules, shaping and distribution of subcellular organelles and enzymes involved in nucleotides or lipid metabolism. Families of different ethnic background; Qatari and other ethnicities, with a unified clinical feature of variably progressive lower limbs spasticity and walking difficulty were ascertained. Families either with only these standard features or in association with variable presentations of ataxia, pain insensitivity, remarkable vertebral destruction, regression in mental abilities, severe psychomotor retardation, and notable neuro-radiological abnormalities were enrolled in the study. Whole Genome Sequencing (WGS) was applied to identify candidate genes in the recruited families. Clinical findings are presented in addition to demographic and age groups' distribution, complex HSP rare phenotypes with interesting extraneural presentations, of which, features of marked pain insensitivity, skin changes and cerebellar atrophy were seen in independent families. WGS revealed involvements of rarely encountered HSPs genes, of which genes deriving purines and fatty acid metabolism and mitochondrial proteins. A family with double pathogenic mutations in Parkin gene and a known HSP gene was identified. Identification of causative genes of rare Mendelian diseases in a research sitting promotes the opportunity to diagnostics molecular genetics, improved genetic counseling qualities and primary prevention.

Biography

Alice Abdel Aleem has her expertise in the field of Human Clinical and Molecular Genetics with particular interest in neurogenetics disorders. Her primary area of interest is to provide reliable and high quality research results to health care physicians to improve diagnostics in human genetic disorders. Her current extramural funded research is focusing on genes identification in monogenetic disorders. She is mainly concerned with building clinical and genomic databases for patients, encountered in Qatar, with spastic paraplegias, heritable muscle diseases, brain malformation, and interesting unrecognized Mendelian disorders. Results of her research is functionally investigated in her lab and in collaboration with investigators in international academic institutes in order to provide confirmed information to health care physicians to use in counseling and managing their patients.

aka2005@qatar-med.cornell.edu

Notes:





2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK

Posters

Isabelle C Windheuser et al., J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

Patients without diagnosis: A profile

Isabelle C Windheuser[1,2], **Martin Muecke**[1,2], **Frank Klawonn**[4] and **Christiane Stieber**[1,2]
[1]University of Bonn, Germany
[2]University of Bonn, Germany
[3]Helmholtz Centre for Infection Research Biostatistics, Germany

A rare disease is defined as a disease that affects less than 1 in 2,000 people in Europe. In Germany, about 4 million individuals have a rare disease, which therefore represents a major public health issue, especially for the patients without a diagnosis. The demand for experts in rare diseases is correspondingly large, with insufficient points of contact for affected patients. To address this unmet need and improve the management of patients without diagnosis, the Center for Rare Diseases (ZSEB) at the University Hospital of Bonn founded a subunit, the "Interdisciplinary Competence Unit for Patients without Diagnosis" (InterPoD) in 2012. Since 2014, we have investigated the medical history of 242 patients with no established diagnosis and collected detailed information about their somatic, psychological and social aspects of health by using a standardized questionnaire. The aim of the study is to characterize the patients' collective data and retrospectively evaluating their data to create a patient profile. We determined the number and duration of medical assessments and investigations of patients without diagnosis before our evaluation through the InterPoD. We have also focused on determining the common accompanying symptoms or illnesses and have further investigated the most affected organ systems. Furthermore, we discuss how an unconfirmed diagnosis of a disease affects the patients' social wellbeing and daily life with regard to symptoms of depressive disorders and anxiety syndromes.

Biography

Isabelle C Windheuser is a 5th year Medical Student at the University of Bonn, Germany. She is currently working at the Center for Rare Diseases (ZSEB) at the University Hospital in Bonn, where the medical students act as an interface between the patients and the ZSEB physicians. The student is expected to generate an epicrisis and to consider diverse differential diagnosis in order to write a final report with recommendations to the patient.

i.windheuser@uni-bonn.de

Larissa Wester et al., J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

Interdisciplinary competence unit for patients without diagnosis

Larissa Wester[1,2], **Christiane Stieber**[1,2], **Martin Muecke**[1], **Isabelle C Windheuser**[1,2] and **Thomas Klockgether**[1,2]
[1]University of Bonn, Germany
[2]University of Bonn, Germany

At present, around 6000-8000 rare diseases are listed within standard diagnostic classification systems. In terms of diagnostics and therapy, rare diseases pose particular challenges. Patients without diagnosis are typically characterized by a long history of suffering, and of multiple clinical assessments and investigations. To improve the management of these patients the Center for Rare Diseases (ZSEB) at the University Hospital of Bonn, Germany established a new subunit, the Interdisciplinary Competence Unit for Patients without Diagnosis (InterPoD) in 2012. Following the InterPoD algorithm, specialists from diverse medical fields, the InterPoD physician, and students meet to discuss cases and assign a diagnosis. The patients' cases are assed in an interdisciplinary manner, with a full review of all diagnoses assigned to date. Particular cases can be investigated in our out-patient clinic and missing information are collected in a detailed anamnesis. At the conclusion of this process, a final report is written for the patient. This may include recommendations such as feedback with proposed diagnoses or a referral to a specific center.

Biography

Larissa Wester is a 5th year Medical student at the University of Bonn in Germany. She is currently working in the Center for Rare Diseases (ZSEB) at the University Hospital in Bonn, where the medical students act as an interface between the patients and the ZSEB physicians. The student is expected to generate an epicrisis and to consider diverse differential diagnosis in order to write a final report with recommendations to the patient.

s4lawest@uni-bonn.de

Notes:

Godwin Oligbu et al., J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

Sclerosing angiomatoid nodular transformation of the spleen: An unusual finding in paediatric population

Godwin Oligbu[1,2], **Indula Bopitiya**[3], **Praveen Saroey**[1] and **Atra Ayad**[1,4]
[1]St. Georges Hospital, UK
[2]St. Georges University of London, UK
[3]Imperial College, UK
[4]Royal Marsden Hospital, UK

Background: Sclerosing angiomatoid nodular transformation (SANT) is a rare and benign primary vascular lesion of the spleen with unknown aetiology and pathogenesis. Its diagnosis is often incidental and is characterised by numerous angiomatoid nodules, in fibrous tissue, within the red pulp of the spleen. The neoplasm has shown a predilection for adult females with cases in the paediatric population being exceptionally rare.

Case Summary: We present an asymptomatic 14-year-old boy with incidental examination findings of scanty bruising and massive splenomegaly. Blood tests revealed pancytopenia with normal coagulation studies, raised C-reactive protein however normal erythrocyte sedimentation rate. Abdominal CT and ultrasound scans showed increasing splenomegaly (the largest size being 27cm) with one discrete focal lesion, small perihilar splenic lymph nodes and an enlarged splenic vein. The patient underwent splenectomy for diagnostic and therapeutic purposes with good long-term outcome and normalisation of the full blood count. Subsequent histological analysis revealed a prominent, nodular, 15 mm mass with slit-like or irregular shaped vascular spaces that was typical of SANT. Immunohistochemistry was positive for CD8, CD31 and CD34, which was in keeping with results found in previous cases. We also found D240 to be positive. The boy was also diagnosed with congenital retinoschisis and Scheuermann's disease of the spine.

Conclusions & Significance: We identify common features, in the presentation, diagnosis and management of this rare condition in paediatrics, as well as documenting our own unique findings including normal erythrocyte sedimentation rate and D240 immunotyping. Although uncommon, SANT should be included in the differential diagnosis of children presenting with splenomegaly and a well circumscribed, hypovascular lesion on CT imaging. Long term follow up of this cohort of adult and paediatric patients is required to better understand the epidemiology of this condition.

Biography

Godwin Oligbu is a competent and experienced Paediatrician with an extensive clinical background in General Paediatrics. He is very dedicated to a career within paediatric with an interest in paediatric infectious diseases and child public health. Over the last year, he has gained excellent experience in management of complex paediatric cases in St. George's Hospital London and Queen Elizabeth Hospital, London. He is involved in a number of research projects and currently working on an Enhanced National Surveillance of Pneumococcal Meningitis in England and Wales.

godwin.oligbu@nhs.net

Notes:





2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK

e-Posters

Karina Levina, J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

The prevalence of rare diseases in the population of hospitalized patients

Karina Levina
Latvian University, Latvia

Rare diseases are life-threatening or chronically debilitating diseases with a low prevalence but a high level of complexity. In European Union as well as in Latvia disease is considered rare if it affects 5 out of 10000 (1 out of 2000) people. There are approximately 2 million people living in Latvia at the moment, in this way disease in our country is considered rare if less than 1000 people are affected by the disease.

Due to fact that there is no unified rare disease accounting system in Latvia, as well as rare endocrine disease register, such patients as well as their disease incidence and diagnosis trends analysis are unrecorded. With this said most probably there are numerous undiagnosed rare endocrine disease cases in Latvia.

Aim of the work: Analize rare endorcine disease patient amount and flow in PSKUS in a five year period. Determine the incidence of rare endocrine disease among stationed patients.

Materials and methods: Retrospective descriptive study was performed at Pauls Stradins Clinical University hospital (PSKUS) endocrine center. Rare endocrine disease list was made using In 2011 – 2015 time period 154 patients of 163 diagnosis with 30 rare endocrine diseases were selected.Patient's data suffering from rare endocrine diseases was analized by age, gender, incidence, duration of hospitalization and year of hospitalization. Obtained data was grouped and statistically processed using Microsoft Office Excel 2013 and IBM Statistical Package for social science (SPSS) statistics 22 program.

Results: 113 (73%) of 154 rare endocrine disease patients were women meanwhile 41 (27%) were male. The average patient's age was 54 years in an age range from 19 to 90 years old.

Following diseases were found among endocrinology hospital stationed patients: acromegaly (35 patients, 22,7% out of all selected rare diseases), follicular thyroid cancer (20 patients, 13,0%), pheochromocytoma (16 patients, 10,4%). Amount of women suffering from acromegaly was 27 (23,7%) meanwhile men with acromegaly were 8 patients (7,0%). 18 women (15,8%) and 2 men (1,8%) had follicular thyroid cancer. Computed theoretically expected patients amount with rare endocrine diseases was 75 patients with acromegaly, 16 patients with follicular thyroid cancer and about 284 patients suffering from pheochromocytoma could be treated in other hospitals in Latvia or were not diagnosed at all.

Biography

Karina Levina is the Latvian University Medical Faculty Graduate. She devoted her thesis to rare endocrine diseases. Starting from 2017, she is an active member of Latvian Rare Disease Specialist Association. She gathered information on rare diseases which will help patient treatment planning, diagnose and rehabilitation as well as gives basis for further studies.

karinechka@inbox.lv

Thais C Vieira et al., J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

Rare genetic variation associate with autism spectrum: A brief report

Thais C Vieira, Marc A D Gigonzac, Irene Plaza Pinto and **Aparecido Divino da Cruz**
Federal University of Goiás, Brazil

Statement of the Problem: Autism Spectrum Disorder (ASD) is a complex and heterogeneous clinical condition that involves behavior with different repetitive patterns, inability to establish affective and interpersonal contact. There are convergent pathways between hundreds genes that could lead to the autistic phenotype, such as those of neuronal development, axoniogenesis and synaptic functioning. In recent years, the development of molecular techniques allowed to identify more than 600 genes associated with ASD. The etiology of this disorder may be associated with different genes, and the large-scale genome screening techniques such as Chromosomal Microarray Analysis (CMA) is usually required for its determination. The purpose of this study is to describe a child with neuropsychomotor development delay (NPMD), idiopathic mental retardation and characteristics of ASD, evaluated by CMA in the Human Cytogenetics and Molecular Genetics Laboratory (LaGene) of the Secretary of Goias State for Public Health and Replicon Research Center (NPR).

Methodology & Theoretical Orientation: The analysis was performed with multiple allele-specific hybridization probes complementary to the SNP regions present in the reduced fraction of the amplified genome in the assay.

Findings: Using the CytoScan HD platform (Affymetrix®), a de novo microdeletion of 248.87Kb was detected at the 21q11.2 locus, in the linear position 15.006.457-15.255.326, recognized as a uncommon variation in the general population. In the analysis by OMIM (Online Mendelian Inheritance in Man)/NCBI (National Center for Biotechnology Information), the range of microdeletion recorded involves two genes, called POTED and C21orf15.

Conclusion & Significance: CMA proved to be an effective method for the identification of genes with potential relation to ASD, and new research that allows the recognition of the affected neurobiological pathways is still necessary for a correct understanding of the molecular mechanisms involved.

Biography

Thais C Vieira completed PhD in Cellular and Molecular Biology, Federal University of Goiás (UFG), Master's in Biology (Genetics) by the Federal University of Goiás (UFG) and Specialist in University Teaching. She is a Professor at the State University of Goiás (UEG), currently Research Coordinator at Eseffego-Câmpus Goiânia and Geneticist at the Laboratory of Human Cytogenetics and Molecular Genetics (LAGENE-LACEN/SES-GO). She is also a Permanent Professor of the PPG – Master's in Genetics of PUC Goiás and Collaborating Researcher at the Replicon Research Center/PUC-GO. She is currently working in genetics, with emphasis on human genetics, clinical genetics, molecular genetics and genetic counseling.

thaiscidalia@gmail.com

Notes:





2nd World Congress on

Rare Diseases and Orphan Drugs

June 29-30, 2017 London, UK

Accepted Abstracts

J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

From promising molecules to orphan drugs: Early clinical drug development

Dooms M
Centre for Clinical Pharmacology, Belgium

Phase-1 (also known as "First-in-Man") clinical trials initiate the early clinical development of possible new medicines. By raising the dose of the investigational compound in healthy volunteers pharmacokinetic and dynamic parameters are recorded alongside the safety profile of the new substance in humans. Patient participation in this early phase of clinical trials will be rather limited. After successful phase -1 trials, further phase -2 and phase -3 clinical trials in patients may lead to a marketing authorization. In the first 15 years of the European Union Orphan Drug Directive 4-5 percent of the orphan drug applications were authorizated. However, for many of these orphan drugs no phase -1 studies were required as these products were already well known pharmaceutical substances with a clearly defined pharmacological profile. Furthermore, for 19 orphan drugs, already authorized by the European Medicines Agency, the original rare indication was extended to another rare disease and no phase -1 trials were needed. For all the other orphan drugs, clinical development started with regular phase -1 studies in human volunteers.

dooms@evonet.be

Study of rare disease utilizing bioinformatics approach

Weida Tong
National Center for Toxicological Research - US FDA, USA

A rare disease, also referred to as an orphan disease, is any disease that affects a small percentage of the population. Among ~7000 rare diseases reported, only ~500 orphan drugs are available. The U.S. Food and Drug Administration (FDA) has implemented various policies to improve treatment options for rare diseases. As a result, in the last 10 years, over one-third of all new drug approvals by FDA were for rare diseases. There are a number of challenges to develop orphan drugs for rare diseases. For example, the lack of knowledge about the natural history of rare diseases is one important challenge for orphan drug development. Bioinformatics-based approaches have the potential to offer systematic insights into the complex relationships among drugs, targets and rare diseases necessary for better understanding the natural history of rare disease and seeking for potential treatment options. We have employed diverse bioinformatics approaches with integrated data related to rare diseases to uncover the underlying mechanism of rare diseases and explore the potential application of the existing marketed drugs for the treatment of rare diseases. This presentation will describe several projects relating to the development of a bioinformatics framework for drug repositioning in rare diseases, deciphering miRNA transcription factor feed-forward loops to identify drug repurposing candidates for Cystic Fibrosis, and potential reuse of oncologic drugs for the treatment of rare diseases.

weida.tong@fda.hhs.gov

J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

Rapid progression osteolysis in Gorham Stout Syndrome: A case report and literature review

Leonardo Cano Cevallos, Iván Chérrez Ojeda and **Andrea Vélez Vera**
Universidad Católica Santiago de Guayaquil, Ecuador

Background: Gorham-Stout Syndrome is a rare idiopathic nonmalignant disorder characterized by recurrent, progressive osteolysis. It may affect any bone, but commonly involves mandible, shoulder and pelvic girdle, each in roughly 20% of all the cases. The disease affects one or contiguous bones. Our purpose is to highlight the relevance of an extraordinary progression time in four months of massive osteolysis of the shoulder.

Case Presentation: A 12-year-old-boy is admitted by complete loss of function of the right arm and showing a deformity at level of right clavicle. His history was characterized by progressive weakness and pain on right shoulder 4 months ago. Biopsy results showed numerous congestive capillaries surrounded by fibrous tissue and blood material, also trabecular areas with irregular edges, perivascular inflammation and atrophy signs suggestive of angiomatosis confirmed the diagnosis of the disease.

Conclusion: The time of progression of the disease in a normal pattern is at least one or two years within the beginning of suggestive symptoms. We consider that our case is particularly important because the progression to total destruction of elements of patient shoulder was four months in a young patient.

Dr_mervat19@yahoo.com

Streptococcus suis: Bacteremia presenting with fever, rashes, arthritis and neurologic deficits

Ahmad M Domado and **Jill Itable**
Southern Philippines Medical Center, Philippines

Streptococcus suis (S. suis) is a Gram positive cocci acquired through exposure to infected swine. The most common clinical manifestation is meningitis often accompanied by bacteremia. *S. suis* is an emerging pathogen with significant complications, but remains to be under-reported. Only 1,584 cases of *S. suis* infection have been reported worldwide with most of the cases concentrated in Southeast Asia where swine quantity is high. Despite a booming hog industry in the Philippines and increasing prevalence in its neighboring countries, *S. suis* infection remain unreported in our country due to either lack of available diagnostics or misdiagnoses. We report a case of a 52-year-old male who came in due to fever, generalized violaceous purpuric rash, headache, and nuchal rigidity. Patient was diagnosed with meningitis clinically. Patient consumed a diseased swine 5 days prior to admission. Blood culture was positive for *Streptococcus suis* II and clinical improvement was achieved with antibiotic treatment. Our patient is the second Filipino and the first documented case to be diagnosed in the Philippines. Patient is also the first documented case of a Filipino with Streptococcus bacteremia presenting with meningitis, hearing loss, skin lesions and arthritis. In *S. suis* infection, antibiotic treatment should be started without delay because a high mortality rate of up to 68% is observed in patients with septicemia and septic shock. With increased awareness and available diagnostics, a future outbreak, can be prevented.

ahmaddomado@yahoo.com

J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

45,X/46,X,i (X) (q10) isochromosome Xq in Mosaic Turner syndrome: A case report

Mark Ramon Victor B Llanes and **May Uyking-Naranjo**
Southern Philippines Medical Center, Philippines

Isochromosome Mosaic Turner Syndrome (IMTS) is a variant of Turner Syndrome (TS) characterized by cytogenetic profile of 1 or more additional cell lineages aside from 45,X, and the presence of a structurally abnormal X chromosome consisting of either two short or two long arms. IMTS is rare, with only 8-9% prevalence among women with TS based on international studies, and 15% of all TS in the Philippines. A 20 year old female came in due to amenorrhea and alopecia. Physical examination revealed short stature, cubitus valgus and Tanner Stage 1 pubic hair and breast development. Transrectal ultrasound revealed absent ovaries and infantile uterus. Hormonal evaluation revealed hypergonadotropic hypogonadism. Bone aging was that of a 13 year old for females with non fusion of epiphyseal plates. Cytogenetic study revealed 45,X [37]/46, X, i (X) (q10) [13]. This is consistent with a variant Isochromosome Mosaic Turner Syndrome. She was screened for medical complications. Audiogram and two-dimensional echocardiography were unremarkable. She has dyslipidemia and was given statins. She has subclinical hypothyroidism with positive test for anti-thyroglobulin antibody. Her intelligence quotient (IQ) was below average. She received conjugated estrogen and progesterone that patterned the hormonal changes in normal menstrual cycle. On the third week of hormonal therapy, she developed breast mound and on the fourth week, she had her first menstrual period. Her alopecia resolved spontaneously. The above case is a rare variant of Turner Syndrome requiring supportive, medical and psychological care

markllanes22@gmail.com

Biochemical and electron microscopic changes induced by *Giardia* in experimentally infected lambs

Mervat E I Radwan
Benha University, Egypt

The present study was conducted to evaluate the effect of *Giardia* on the biochemical serum constituents of experimentally infected lambs, in addition to studying the observed alterations accompanying *Giardia* infection in the intestinal mucosa using scanning electron microscopy. Twenty lambs were allotted into two equal groups, Group A (infected) was orally inoculated by 104 *Giardia* cysts and Group B (non infected) was kept as control negative. The biochemical changes were assessed in both groups on 7th, 14th, 21th and 30th days post inoculation (dpi). The study disclosed that *Giardia* induced a significant drop in the levels of serum electrolytes (Cl, Na, K), blood glucose, different enzymes (lipase, amylase Alkaline phosphatase. Furthermore, the levels of urea, liver enzymes (alanine aminotransferase and aspartate aminotransferase), inflammatory marker (C-reactive protein) and oxidative stress markers malondialdehyde was elevated, but nitric oxide was declined from 21st day post infection till 30th day. The scanning electron microscopy of the intestinal mucosa of the infected lambs revealed a notable alteration which was fully explained. All the presented results interpret the pathophysiological effect of *Giardia* which adversely affects the health status of lambs.

Dr_mervat19@yaho.com

J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

Prevalence and outcome of treatable lysosomal storage diseases in children from north- eastern part of Libya

Nuri M Shembesh, Abdulsallam A Shakmak, Fauzia Fazani, Amal Elwarfale and Salma Elaubedee
Benghazi Children Hospital, Libya

Background: Lysosomal Storage Diseases (LSDs) are important inherited metabolic disorders with major healthcare concern. LSD occur in all ages and are clinically diverse, they differ greatly in their rate of progression and represent a large burden of illness in the population. The range of manifestations includes organomegaly, disturbed function of visceral organs, skeletal effects and neurological features. There is no specific or curative treatment for most LSDs, supportive and palliative treatment are nonetheless of great benefit. However, recently recombinant DNA technology has led to the development of enzyme-replacement therapy for several lysosomal diseases. In this paper, we present our experience from north-eastern part of Libya with some of these treatable LSD.

Methods: 27 cases with treatable LSD disorders were diagnosed and followed up in Benghazi children hospital during the period from 1997-2013 with four different treatable LSD and general prevalence rate of 2.7/100.000. Initial work-up focused on clinical, laboratory and radiological evaluation. Lysosomal enzyme assay in peripheral blood leukocytes were performed according to standard techniques.

Results: Twelve children were diagnosed with Gaucher disease, having a prevalence rate of 1.2/100.000 The median age at diagnosis was 1 year, male to female ratio 1:1, six cases of Gaucher type 1, 4 of them on enzyme replacement, 2 brother and sister with mild form on regular follow up without treatment. Four cases of type three all receiving cerozyme as replacement therapy and 1 child diagnosed as Gaucher type 2 died after an year of diagnosis. He was also in enzyme replacement therapy none of our patients has bone marrow transplant. Nine children were diagnosed as MPS1 with prevalence rate of 0.9/100.000 the median age at diagnosis was 3 years, male to female ratio 1.2:1, 4 have severe MPS1, 3 were moderate to severe form and 1 was mild form. All of them received alldrozyme replacement therapy; one had bone marrow transplant of severe form, 1 died and 1 lost follow up. 3 brothers, 2 of them were twin, diagnosed as MPS2 (Hunter) with low prevalence rate 0.3/100.000 all from Tobrok in the far east point of Libya. None of them received enzyme replacement therapy till now. 3 children were diagnosed with Pompe disease, having a prevalence rate of 0.3/100,000. One patient was suspected as infantile pompe at one and half month of age died before result of enzyme assay. Two brothers diagnosed as juvenile pompe not on enzyme replacement therapy yet.Conclusion: Lysosomal storage diseases, especially Gaucher and MPS1 disease, may represent important pathologies in our population and their prevalence rate was similar to the reported prevalence rate from other parts of the world. Specific diagnosis and follow-up is the key step in the accurate management and treatment of these patients.

Conclusion: Lysosomal storage diseases, especially Gaucher and MPS1 disease, may represent important pathologies in our population and their prevalence rate was similar to the reported prevalence rate from other parts of the world. Specific diagnosis and follow-up is the key step in the accurate management and treatment of these patients.

nurishembesh@yahoo.com

J Genet Syndr Gene Ther 2017, 8:2(Suppl)
DOI: 10.4172/2157-7412-C1-013

Four rare neurogenetic disorders: Underlying mechanisms and management

William S Baek
Parkside Medical Group, USA

Since the beginning of the 21st century the field of Neurogenetics has exploded, generating novel concepts, unveiling mechanisms, and creating the basis for innovative molecule-targeted specific therapies for neurological disorders. Establishing a genetic diagnosis for any neurological condition is critical for understanding the natural course of the disease and managing accordingly; it shall no longer be viewed as medically unnecessary. This has created a paradigm shift towards reclassifying diseases based on the molecular features rather than signs and symptoms. Down syndrome, 22q11.2 deletion syndrome, Angelman syndrome, Prader Willi syndrome, Klinefelter syndrome, Turner syndrome, cri-du-chat (5p deletion), phenylketonuria, neurocutaneous disorders, Duchenne's muscular dystrophy, Friedreich's ataxia (1/50,000), myotonic dystrophy, Huntington's disease(1/10,000), and Charcot-Marie-Tooth disease(1/3000) are among the most common hereditary neurological disorders which are fairly well-known. I would like to present four genetically confirmed cases that are much rarer, with their underlying mechanisms and management in the everyday clinical setting. These are cases which I have personally diagnosed and treated, such as horizontal gaze palsy with progressive sclerosis (HGPPS), Smith-Magenis syndrome (SMS), X-linked ichthyosis (XLI) and Phelan McDermid (PMD) syndrome, with review of the literature.

william_s_baek@hotmail.com

The safety and efficacy of prednisolone in preventing re-accumulation of ascites among endomyocardial fibrosis patients in Uganda: A randomised clinical trial

Yvonne Brenda Nabunnya[1,2], James Kayima[1], Juergen Freers[1], Chris T Longenecker[2,3] and **Richard A Josephson[2,3]**
[1]Makerere University College of Health Sciences, Uganda
[2]Case Western Reserve University School of Medicine, USA
[3]UH Harrington Heart & Vascular Institute, USA

Background: Endomyocardial fibrosis (EMF), the commonest restrictive cardiomyopathy worldwide, is characterized by obliterative inflammation and fibrosis of the endocardium. Inflammation in other parts of the body such as the peritoneum may explain the accumulation of ascites, a painful and disabling feature of this disease. Therefore, we aimed to determine the efficacy and safety of prednisolone to prevent re-accumulation of ascites from International Ascites Club grade 2 to grade 3 among EMF patients attending Mulago Hospital's cardiology service.

Methods: This was a randomised placebo controlled trial with a 1:1 parallel design. Over a period of ten months, participants were recruited and randomized to receive 1 mg/kg per day of prednisolone or placebo and were followed for a maximum of 8 weeks. The primary outcome was re-accumulation of grade 3 ascites. Safety was assessed by self-reported side effects, physical exam and laboratory assessment.

Results: Sixteen patients were randomised to prednisolone, while 19 were randomised to placebo. Six patients were lost to follow up (1-prednisolone arm, 5-placebo). Baseline characteristics were balanced between groups, although only 4% had exudative ascites and only 10% had eosinophilia overall. Prednisolone was safely administered in this setting; however, there was no statistically significant difference in the overall risk of developing grade 3 ascites over 8 weeks (RR (95% confidence interval) 0.70 (0.439-1.114), p=0.12). The rate of the primary outcome per 1000 persons, after days of follow-up was also similar in both groups (p=0.63).

Conclusion: Short term prednisolone use was generally safe in this patient population; but there was no statistically significant evidence of efficacy. Additional studies are needed to assess the efficacy of anti-inflammatory treatments to slow progression of this disease.

yvonne.nabunnya@gmail.com

INDEX

Abdulaziz Aldawood	25
Alice Abdel Aleem	47
Danilo A Tagle	24
Diego-Abelardo Alvarez Hernandez	33
Gayathri Balasubramanian	45
Godwin Oligbu	52
Ilham Abuljadayel	35
Isabelle C Windheuser	50
Jong Wook Chang	43
Jorge-Alberto Ascencio-Aragón	36
Karina Levina	54
Larissa Wester	51
Martine Zimmermann	28
Nadia Ameen	31
Patrick J Tighe	37
Rob W J Collin	44
Shmuel Prints	46
Stefano Giacomini	40
Stefano Giacomini	34
Thais C Vieira	55
Wei Zheng	32
Yingjun Xie	38

Meet Inspiring Speakers and Experts at our 3000+ Global Events with 1000+ Conferences, 1000+ Symposiums and 1000+ Workshops on Medical, Pharma, Engineering Science, Technology, Business and 700+ Open Access Journals

Conferences | Publishing | Global Networking | Research | Business

Exhibitions | Collaborations | Careers | International Memberships | Advertisements & Promotions

Conferences By Continent

USA & Americas

USA | Brazil | Canada | Mexico

Asia-Pacific

Australia | China | India | Japan | Malaysia | New Zealand | Philippines | Singapore | South Korea

Europe & Middle East

Austria | Denmark | Finland | France | Germany | Italy | Netherlands | Norway | Poland | South Africa | Spain | Switzerland | Turkey | UAE | UK | Ukraine

Medical & Clinical Journals and Conferences

- Alternative Healthcare
- Cardiology
- Dentistry
- Dermatology
- Diabetes & Endocrinology
- Gastroenterology
- Healthcare Management
- Hematology
- Infectious Diseases
- Medical Ethics
- Health Policies
- Neuroscience
- Nephrology
- Nursing
- Obesity
- Oncology & Cancer
- Ophthalmology
- Palliativecare
- Pathology
- Pediatrics
- Physical Therapy Rehabilitation
- Psychiatry
- Pulmonology
- Radiology
- Surgery
- Vaccines
- Reproductive Medicine &
- Women Healthcare

Journals and Conferences by Subject

- Agri, Food & Aqua
- Biochemistry
- Business & Management
- Chemical Engineering
- Chemistry
- EEE & Engineering
- Environmental Science
- Genetics & Molecular Biology
- Geology & Earth Science
- Immunology
- Materials Science
- Microbiology
- Nanotechnology
- Nutrition
- Petroleum
- Pharma Marketing & Industry
- Pharmaceutical Sciences
- Physics
- Veterinary

Contact us

Conference Series - America
One Commerce Center-1201, Orange St. #600
Wilmington, Zip 19899, Delaware, USA
P: +1-702-508-5200, F: +1-650-618-1417
E: america@conferenceseries.com

Conference Series - UK
Kemp House, 152 City Road
London EC1V 2NX, UK
Toll Free: +1-800-014-8923
E: europe@conferenceseries.com

Conference Series - Asia Pacific
6th Floor, North Block, Divyasree, Building, Raidurg Hyderabad,
Telangana, INDIA-500032 P: +91-40-33432300
E: asia@conferenceseries.com

Toll Free

Australia - 1-800-651-097|**France** - 0805-080048|**Hyderabad** - 91-40-71279012

Hyderabad - 91-40-71279013|**UK** - 0-800-014-8923

Los Angeles Downtown - 1-213-233-9462|**USA/Canada** - 1-888-843-8169

Upcoming Infectious Diseases Conferences

3rd International Conference on
Retroviruses and Novel Drugs
July 27-28, 2017 Vancouver, Canada
http://retrovirus.conferenceseries.com/

3rd International Conference on
Influenza and Zoonotic Diseases
August 21-22, 2017 Birmingham, UK
http://influenza.conferenceseries.com/

3rd Annual Congress on
Infectious Diseases
August 21-23, 2017 San Francisco, USA
http://infection.conferenceseries.com/

6th Euro-Global Conference on
Infectious Diseases
September 7-9, 2017 Paris, France
http://infection.conferenceseries.com/

2nd International Conference on
Infection Control and Prevention
Sep 25-26, 2017 Chicago, USA
http://infectioncontrol.conferenceseries.com/

3rd Annual Congress on
Rare Diseases and Orphan Drugs
October 30-November 1, 2017 San Antonio, USA
http://rarediseases.conferenceseries.com/

3rd International Conference on
Flu and Emerging Infectious Diseases
November 06-07, 2017 Las Vegas, USA
http://flu.conferenceseries.com/

13th World Congress on
Infection Prevention and Control
Dec 14-16, 2017 Rome, Italy
http://infectionprevention.conferenceseries.com/

Bookmark your dates

4th world Congress on

Rare Diseases and Orphan Drugs

June 11-12, 2018 Dublin, Ireland

E-mail: rarediseasecongress@infectiousconferences.com; rarediseasescongress@conferenceseries.net

Website: rarediseases.conferenceseries.com/europe