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Open Access

Proceedings of

International Conference on

e-Health and Healthcare Innovations

May 08-09, 2019 | Amsterdam, Netherlands



Conference Series LLC Ltd

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Scientific Program

e-Health 2019

Day 1 May 08, 2019

09:00-10:00 Registrations

Meeting Hall @ Rembrandt 1

10:00-10:30 **Opening Ceremony**

Introduction

Keynote Forum

10:30-11:15 **Personalized medication advice using mobile apps**

Paula HODGSON, University of Hong Kong, Hong Kong

Group Photo

Networking and Refreshments Break @ Foyer 11:15-11:30

11:30-12:15 **Healthcare errors and patient redress: How can complaints and patient health informatics improve quality?**

Karen Cusack, Office of the Health Complaints Commissioner, Victoria, Australia

12:15-13:15 **Adopting interoperability – Blockchain solution for healthcare**

Dean Rakic, Novatec, Germany

Panel Discussion

Lunch (Food & More) @ Restaurant 13:15-14:00

14:00-14:30 **Accelerating health care to Orthorexia Nervosa and Obsessivecompulsive Symptomatic high school students**

Ersin AKPINAR, Cukurova University, Adana - Turkey

Sessions: e-Health | Digital Health Start-up Forum | E-Health Applications | Electronic Health Records | Telemedicine | Consumer Health Informatics | Health IT Systems | Virtual Healthcare | Health Data Security | Medical Devices |e–Prescription | Bioinformatics and Digital Health | Diabetes and digital health | Healthcare Innovations |Next-generation sequencing | Artificial intelligence | Virtual Reality

14:30-15:00 **The future of medicine is now: Nanotechnology**

Oluwadamilola Oshodi, University of South Florida, USA

15:00-15:30 **AMONTRACk- mHealth app to support Parkinson's patients to be more engaged**

Andrea Giovanni Migliavacca, Think4Future Srl, Milan, Italy

15:00-15:30 **Gaming National Emergency Access Target (NEAT) performance using Emergency Treatment Performance (ETP) definitions and ED short stay units.**

Michael Hession, Western Sydney University, Australia

Panel Discussion

Keynote Session	
15:30-16:00	**Accelerating global access to health innovations** **Sjaak Vink,** CEO and Founder of TheSocialMedwork, Netherlands
Coffee Break 16:00-16:30	
16:30-17:00	**Cannabis supply chain data leading to innovation in health care** **Pranav Sood,** Trellis, Canada
Poster session 17:00-17:30 @ Meeting Hall	
Poster	
EHHI-01	**Tittle: Safe maintenance of hospital patient data - taking the screen saver as an example** **JEN-CHUN LIN,** National Cheng Kung University Hospital, Taiwan
EHHI-02	**Tittle: Expanding undiagnosed diabetes screening with machine learning: the future of pharmacy services** **Ângela Pizarro,** New University of Lisbon, Portugal
Award & Closing Ceremony	
End of Day 1	
Day-2	
Lunch & Networking	

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
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Fisheries and Aquaculture Journal	2150-3508
Fisheriessciences	1307-234X
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Food & Nutritional Disorders	2324-9323
Food Processing & Technology	2157-7110
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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
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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

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

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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

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Ageing Science	2329-8847
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Anesthesia & Clinical Research	2155-6148
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Atherosclerosis: Open Access	-
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Clinical & Experimental Cardiology	2155-9880
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Clinical & Experimental Pathology	2161-0681
Clinical & Molecular Endocrinology	-
Clinical and Experimental Psychology	-
Clinical and Experimental Transplantation	-
Clinical Case Reports	2165-7920
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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
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Clinical Toxicology	2161-0495
Clinical Trials	2167-0870
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Cosmetology & Trichology	-
Dermatitis	-
Diabetes Case Reports	-
Dialysis and Clinical Practice	-
Drug Intoxication & Detoxification : Novel Approaches	2327-4557
Dual Diagnosis: Open Access	-
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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	-
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Stem Cell Research & Therapy	2157-7633
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Astrobiology & Outreach	2332-2519
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Biosafety	2167-0331
Climatology & Weather Forecasting	2332-2594
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Earth Science & Climatic Change	2157-7617
Ecosystem & Ecography	2157-7625
Entomology, Ornithology & Herpetology	2161-0983
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Fundamentals of Renewable Energy and Applications	2090-4541
Geography & Natural Disasters	2167-0587
Geoinformatics & Geostatistics: An Overview	2327-4581
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Hydrogeology & Hydrologic Engineering	2325-9647
Hydrology: Current Research	2157-7587
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Innovative Energy Policies	2090-5009
International Journal of Evolution	2324-8548
International Journal of Waste Resources	2252-5211
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Petroleum & Environmental Engineering	2157-7463
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Advances in Robotics & Automation	2168-9695
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Applied Bioinformatics & Computational Biology	2329-9533
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Computer Engineering and Information Technology	2324-9307
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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
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International Journal of Advance Innovations, Thoughts & Ideas	2277-1891
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Biochemistry & Analytical Biochemistry	2161-1009
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Interdisciplinary Journal of Microinflammation	-
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Forensic Nursing: Open Access	-
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International Journal of Emergency Mental Health and Human Resilience	1522-4821
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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	-
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Palliative Care & Medicine	2165-7386
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Pediatric Dental Care	-
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Pediatric Oncology: Open Access	-
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Regenerative Medicine	2325-9620
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Research Journal of Biology	2322-0066
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Spine & Neurosurgery	2325-9701
Spine Research	-
Sports Medicine & Doping Studies	2161-0673
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Steroids & Hormonal Science	2157-7536
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The International Journal of Apitherapy	-
The Pancreas	1590-8577
Therapeutic Care and Physical Rehabilitation	-

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Translational Medicine	2161-1025
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Antivirals & Antiretrovirals	1948-5964
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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	-
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Alzheimers Disease & Parkinsonism	2161-0460
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Child & Adolescent Behavior	2375-4494
Clinical & Experimental Neuroimmunology	-
Dementia & Mental Health	-
Epilepsy Journal	-
Insights in Clinical Neurology	-
International Journal of Neurorehabilitation	2376-0281
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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

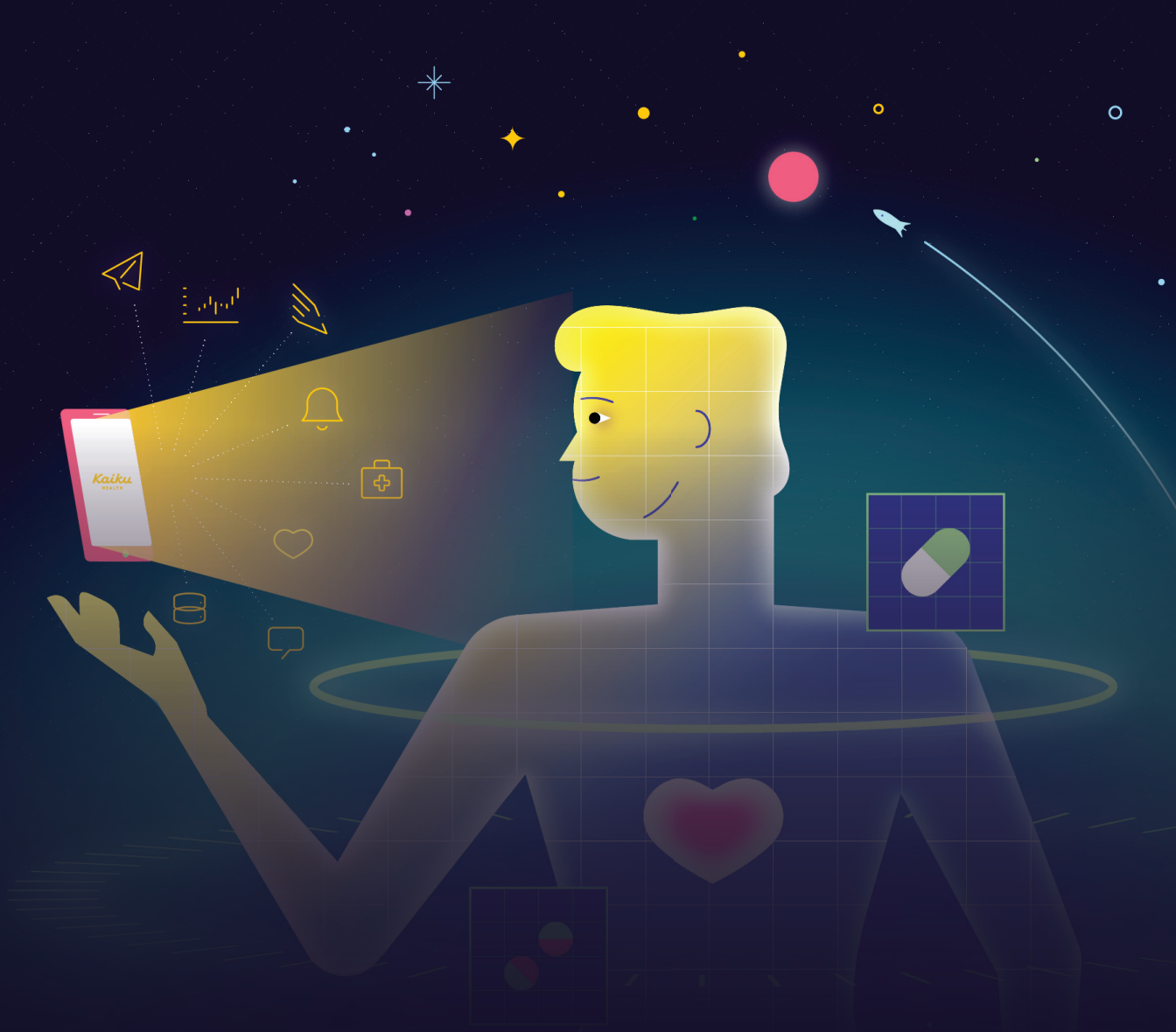


International Conference on

e-Health & Healthcare Innovations

May 08-09, 2019 | Amsterdam, Netherlands

SUPPORTING JOURNALS



SUPPORTING JOURNALS

Journal of Biosensors & Bioelectronics

Journal of Computer Science & Systems Biology

Journal of Health & Medical Informatics



International Conference on

e-Health & Healthcare Innovations

May 08-09, 2019 | Amsterdam, Netherlands

UPCOMING CONFERENCES

Agri, Food & Aqua



12th World Congress on

Plant Biotechnology & Agriculture

June 12,13-2019 | Prague, Czech Republic
E: contact@europemeet.com
W: agriculture-horticulture.conferenceseries.com/europe/

International Conference on

Plant Physiology and Biotechnology

May 06-07, 2019 | Prague, Czech Republic
E: plantbiotech@europemeet.com
W: plantbiotech.conferenceseries.com

European Conference on

Research in Agri, Food and Aqua

May 06-07, 2019 | Amsterdam | Netherlands
E: catherineshaw@europemeet.com
W: agrifoodaqua.conferenceseries.com

European Conference on

Farm Management System

May 06-07, 2019 | Amsterdam, Netherlands
E: catherineshaw@europemeet.com
W: farmmanagement.conferenceseries.com

European Conference on

Emerging Foodborn Pathogens and Toxins

May 23-24, 2019 | Paris, France
E: catherineshaw@europemeet.com
W: foodpathogens.conferenceseries.com

European Food and Beverage Expo

June 17-18, 2019 | Oslo, Norway
E: catherineshaw@europemeet.com
W: foodbeverages.conferenceseries.com

International Conference on

Agroecology and Crop science

June 28-29, 2019 | Stockholm | Sweden
E: agroecology@europemeet.com
W: agroecology.conferenceseries.com

International Conference on

Conservation Agriculture & Soil Tillage

June 28-29, 2019 | Stockholm, Sweden
E: catherineshaw@europemeet.com
W: agricultureconservation.conferenceseries.com/

Global summit on

Food and Nutrition

July 01-02, 2019| Paris, France
E: foodsummit@europemeet.com
W: foodsummit.conferenceseries.com

International Conference on

Food Biotechnology

July 01-02, 2019| Paris, France
E: catherineshaw@europemeet.com
W: foodbiotechnology.conferenceseries.com

European Plant and Animal Mechanobiology Conference

July 08-09, 2019| Ljubljana, Slovenia
E: catherineshaw@europemeet.com
W: plantanimalmechanobiology.conferenceseries.com

European Conference on

Horticulture

July 11-13, 2019 | Ljubljana, Slovenia
E: catherineshaw@europemeet.com
W: horticulture.conferenceseries.com

International Conference on

Organic Farming & Sustainable Agriculture

July 18-20, 2019 | Luxembourg City, Luxembourg
E: catherineshaw@europemeet.com
W: sustainableagriculture.conferenceseries.com

European Plant Science Congress

August 01-02, 2019| Amsterdam, Netherlands
E: catherineshaw@europemeet.com
W: europlantscience.conferenceseries.com

International Conference on

Plant Tissue Culture and Plant Biotechnology

August 01-02, 2019 | Amsterdam, Netherlands
E: catherineshaw@europemeet.com
W: planttissueculture.conferenceseries.com

European Fish Pathology and Immunology congress

August 14-15, 2019 | Amsterdam, Netherlands
E: catherineshaw@europemeet.com
W: fishpathology.conferenceseries.com

International Conference on

Plant Physiology, Pathology and Biotechnology

September 16-17, 2019 | Amsterdam, Netherlands
E: plantbiotech@europemeet.com
W: plantscience.conferenceseries.com

European Food technology and Processing congress

November 03-04, 2019 | Paris, France
E: catherineshaw@europemeet.com
W: foodtechnologycongress.conferenceseries.com

Allied Healthcare



11th International Conference on

Geriatrics Nursing and Palliative Care

October 21-22, 2019 |Amsterdam, Netherlands
E: geriatricsnursing@europemeet.com
W: geriatricsnursing.nursingconference.com

Antibiotics



2nd International Conference on

Vaccine Research

October 14-15, 2019 | Paris, France
E: vaccineresearch@europemeet.com
W: vaccinesresearch.vaccineconferences.com

Annual Congress on

Antibiotics & Antimicrobial Resistance

October 14-15, 2019 | Paris, France
E: antibiotics@europemeet.com
W: antibiotics.global-summit.com

Aquaculture



European Conference on

Aquaculture and Fisheries

March 07-08, 2019 | Amsterdam, Netherlands
E: euroaqua@europemeet.com
W: aquaculture.conferenceseries.com

Cardiology



5th World Heart Congress

April 15-16, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: heartcongress.cardiologymeeting.com

European Cardiology Congress

July 01-02, 2019 | Prague, Czech Republic
E: contact@europemeet.com
W: eurocardiology.cardiologymeeting.com

2nd International Conference on

Cardiovascular Diseases and Therapeutics

August 12-13, 2019 | Amsterdam, Netherlands
E: cardiovascular@europemeet.com
W: cardiovasculardiseases.cardiologymeeting.com

6th World Congress on

Hypertension and Public Health

September 26-28, 2019 | Lisbon, Portugal
E: eurohypertension@europemeet.com
W: hypertensioncongress.cardiologymeeting.com

World Cardiology and Cardiologist Meeting

September 26-27 2019 | Lisbon, Portugals
E: contact@europemeet.com
W: worldcardiology.cardiologymeeting.com

European Heart Congress

October 23-24, 2019 | Prague, Czech Republic
E: cardiologyworld@europemeet.com
W: cardiologycongress.cardiologymeeting.com

Chemical Engineering

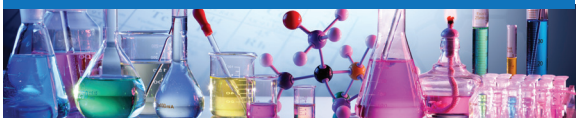


6th World Congress on

Chemical Engineering and Catalysis

July 15-16, 2019 | Amsterdam, Netherlands
E: chemicalengineering@europemeet.com
W: chemicalengineering.annualcongress.com

Chemistry



11th International Conference on

Medicinal Chemistry and Pharmaceutical Technology

April 01-02, 2019 | Prague, Czech Republic
E: medicinalchemistry@europemeet.com
W: medicinalchemistrymeetings.pharmaceuticalconferences.com

5th International Conference on

Polymer Chemistry

May 06-07, 2019 | Amsterdam, Netherlands
E: polymerchemistry@europemeet.com
W: polymerchemistry.chemistryconferences.org

10th International Conference on

Chemistry

May 09-11, 2019 | Amsterdam, Netherlands
E: chemistryworld@europemeet.com
W: chemistrymeetings.conferenceseries.com

6th International Conference on

Physical and Theoretical Chemistry

June 27-28, 2019 | Paris, France
E: physicalchemistry@europemeet.com
W: physicalchemistry.annualcongress.com

10th World Congress on

Green Chemistry and Technology

July 10-11, 2019 | Paris, France
E: greenchemistry@europemeet.com
W: greenchemistry.chemistryconferences.org

8th International Conference on

Petro Chemistry and Oil-Gas Marketing

July 15-16, 2019 | Amsterdam, Netherlands
E: petrochemistry@europemeet.com
W: petrochemistry.annualcongress.com/

5th Edition International Conference on

Polymer Science and Technology

July 30-31,2019 | Amsterdam, Netherlands
E: polymerscience@europemeet.com
W: polymerscience.annualcongress.com

6th International Conference on

Organic and Inorganic Chemistry

August 08-09, 2019 | Amsterdam, Netherlands
E: organicchemistry@europemeet.com
W: organic-chemistry.chemistryconferences.org

11th World Congress on

Chemistry

October 10-11, 2019| Dubrovnik, Croatia
E: chemistrymeet@europemeet.com
W: chemistry.chemistryconferences.org

15th World Congress on

Medicinal Chemistry & CADD

October 10-11, 2019| Dubrovnik, Croatia
E: medicinalchemistry@europemeet.com
W: medchem.pharmaceuticalconferences.com



23rd Annual World Dental Summit

March 11-13, 2019 | Stockholm, Sweden
E: dentalworld@europemeet.com
W: worlddental.conferenceseries.com

24th International Conference on

Dental Education

March 18-19, 2019 | Paris, France
E: dentaleducaton@europemeet.com
W: dentaleducation.dentalcongress.com

28th Euro Dentistry Congress

August 08-10, 2019 | Amsterdam, Netherlands
E: dentistry@europemeet.com
W: eurodentistry.dentalcongress.com

Dermatology



19th European Dermatology Congress

April 18-19, 2019 | Amsterdam, Netherlands
E: dermatologycongress@dermatologyconference.org
W: dermatology.conferenceseries.com/europe/

Endocrinology & Diabetes



4th International Conference on

Metabolic Syndrome

June 20-21, 2019 | Paris, France
E: metabolicsyndromes@conferenceseries.net
W: metabolicsyndromes.conferenceseries.com

18th Global Conference on

Diabetes and Nursing Care

June 27-28, 2019 | Amsterdam, Netherlands
E: diabetes@europemeet.com
W: globaldiabetes.conferenceseries.com

Euro Diabetes Congress & Expo

October 03-04, 2019 | Paris, France
E: contact@europemeet.com
W: diabetescongress.diabetesexpo.com

15th World Congress on

Endocrinology & Diabetes

November 21-22, 2019 | Amsterdam, Netherlands
E: endocrinology@europemeet.com
W: endocrinology.endocrineconferences.com

Engineering, EEE & IT



2nd International Conference on

Civil Engineering & Steel Structures

June 20-21, 2019 | Stockholm, Sweden
E: contact@europemeet.com
W: civilengineering.enggconferences.com

International Conference on

Building Materials & Construction Technologie

June 20-21, 2019 | Stockholm, Sweden
E: contact@europemeet.com
W: buildingmaterials-technologies.enggconferences.com

Environmental Sciences



13th International Conference on

Biofuels and Bio Energy

April 01-02, 2019 |Amsterdam, Netherlands
E: biofuels@europemeet.com
W: biofuels.conferenceseries.com

International Conference on

Green Energy

April 01-02, 2019| Amsterdam, Netherlands
E: greenenergy@europemeet.com
W: greenenergy.conferenceseries.com/netherlands/

International Conference on

Plant Genomics

May 01-02, 2019 | Rotterdam, Netherlands
E: plantgenomics@europemeet.com
W: plantgenomics.conferenceseries.com/europe

6th Global Summit and Expo on

Pollution Control

May 06-07, 2019 | Amsterdam, Netherlands
E: pollutioncontrol@europemeet.com
W:pollutioncontrol.global-summit.com

Gatroenterology



14th World Congress onn

Gastroenterology and Hepatology

April 24-25, 2019 | Budapest, Hungary
E: gastroenterology@europemeet.com
W: gastro.healthconferences.org

International Conference on

Liver and Hepatitis

April 24-25, 2019 | Budapest, Hungary
E: hepatitis@europemeet.com
W: hepatitis.healthconferences.org

Genetics and Molecular Biology



13th Annual Conference on

Stem Cell and Biomaterials

March 11-12, 2019 |Nice, France
E: biomaterials@europemeet.com
W: biomaterials.materialsconferences.com

15th World Congress on

Structural Biology

March 18-19, 2019 |Paris, France
E: structuralbiology@europemeet.com
W: structuralbiologycongress.conferenceseries.com

14th International Conference on

Tissue Engineering & Regenerative Medicine

April 25-27, 2019 | Amsterdam, Netherlands
E: tissueengineering@geneticconferences.com
W: tissue-engineering.conferenceseries.com

Gynecology



International Conference on

Gynecology and Obstetrics

April 01-02, 2019 | Paris, France
E: gynecology@europemeet.com
W: obstetrics-gynecology.healthconferences.org

International Meeting on

Reprtoductive Medicine and Womens Health

July 31-August 01, 2019 | Amsterdam, Netherlands
E: reproductivemedicine@europemeet.com
W: womenshealth-reproductivemedicine.conferenceseries.com

Healthcare



2nd Global Public health congress

March 25-26, 2019 | Rotterdam, Netherlands
E: publichealth@europemeet.com
W: globalpublichealth.conferenceseries.com

International Conference on

Clinical Case reports

April 04-06, 2019 | Amsterdam, Netherlands
E: casestudy@europemeet.com
W: casereports.healthconferences.org

European Congress on

Canine Science

May 02-04, 2019 | Amsterdam, Netherlands
E: catherineshaw@europemeet.com
W: caninescience.conferenceseries.com

International Conference on

Internal Medicine and Hospital Medicine

May 08-09, 2019 | Amsterdam, Netherlands
E: internalmedicine@europemeet.com
W: internalmedicine.conferenceseries.com/europe

International Conference on

e-Health and Healthcare Innovations

May 08-09, 2019 | Amsterdam, Netherlands
E: ehealth@europemeet.com
W: ehealth.healthconferences.org

International Conference & Expo on

Cosmetology & Skin Care

May 08-09, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: cosmetologyskincare.conferneceseries.com

2nd Annual congress on

Womens Health & Reproductive Medicine

September 16-17, 2019 | Paris, France
E: contact@europemeet.com
W: womenshealth.annualcongress.com

Healthcare Management



2nd European Conference on

Epidemiology and Public Health

September 16-17, 2019 | Paris, France
E: epidemiology@europemeet.com
W: epidemiology-publichealth.healthconferences.org

2nd World Congress on

Healthcare and Hospital Management

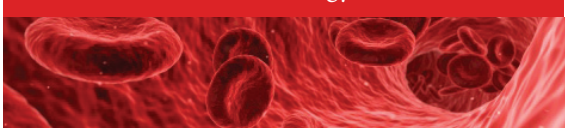
August 19-20, 2019 | Paris, France
E: hospitalmanagement@europemeet.com
W: hospitalmanagement.conferenceseries.com

2nd International Congress on

Traditional and Natural Medicines

October 23-24, 2019 | Prague, Czech Republic
E: naturalmedicine@europemeet.com
W: traditionalmedicinecongress.conferenceseries.com

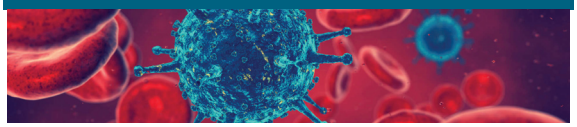
Hematology



17th World Hematology Congress

September 05-07, 2019 | Paris, France
E: contact@europemeet.com
W: worldhematology.conferenceseries.com

Immunology



6th International Conference on

Parasitology & Microbiology

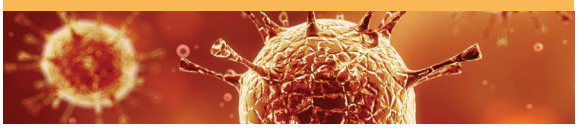
July 29-30, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: parasitology.conferenceseries.com

Global meet on

Immunology and Molecular Biology

October 07-08, 2019 | Paris, France
E: contact@europemeet.com
W: worldimmunology.immunologyconferences.com

Infectious Diseases



Annual Meeting on

Infectious Diseases

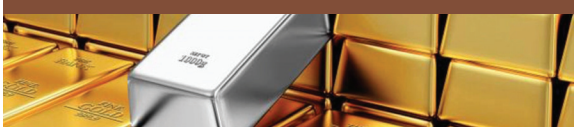
July 29-30, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: infectiousdiseases.infectiousconferences.com

6th International Conference on

Infectious Diseases

August 28-29, 2019 | Paris, France
E: infectiousdisease@europemeet.com
W: infectiousdiseases.annualcongress.com

Material Science



4th International Conference on

Advances in 3D Printing & Modelling

April 15-16, 2019 | Amsterdam, Netherlands
E: 3dprinting@europemeet.com
W: euro3dprinting.conferenceseries.com

31st European Congress on

Nanotechnology and Materials Engineering

October 03-04, 2019 | Paris, France
E: nanomaterials@europemeet.com
W: nanotechnology-materialscience.materialsconferences.com

Nephrology and Urology



European Congress on

Nephrology and Urology

June 28-29, 2019 | Stockholm, Sweden
E: nephrology@europemeet.com
W: nephrologycongress.annualcongress.com

Annual Congress on

Nephrology & Hypertension

November 15-16, 2019 | Amsterdam, Netherlands
E: nephrology@europemeet.com
W: nephrologycongress.annualcongress.com

Neurology



8th International Conference on

Brain Injury & Neuroscience

March 14-15, 2019 | Paris, France
E: contact@europemeet.com
W: braininjury.conferenceseries.com

Annual Congress on

Neurology & Neuroscience

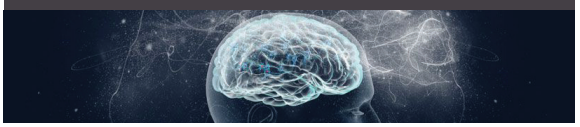
March 14-15, 2019 | Paris, France
E: neurology@europemeet.com
W: neurosciencecongress.neurologyconference.com

International Conference on

Neurology & Mental Disorders

April 11-12, 2019 | Stockholm, Sweden
E: mentaldisorders@europemeet.com
W:mentaldisorders.neurologyconference.com

Neuroscience



International Conference on

Brain Death

July 18-19, 2019 | Paris, France
E: nursing@europemeet.com
W: braindeath.psychologyconference.com

8th International Conference on

Stroke and Cerebrovascular Diseases

July 29-30, 2019 | Stockholm, Sweden
E: contact@europemeet.com
W: strokecongress.neurologyconference.com

14th International Conference on

Addictive Behavior & Dual Diagnosis

September 05-06, 2019 | Budapes, Hungary
E: contact@europemeet.com
W: dualdiagnosis.conferenceseries.com

12th World Congress onn

Dementia & Alzheimer Rehabilitation

April 11-12, 2019 | Stockholm, Sweden
E: nursing@europemeet.com
W: dementia.psychiatryconferences.com

Nursing



50th International Conference on

Advanced Nursing Research

April 08-09, 2019 | Prague, Czech Republic
E: nursingresearch@europemeet.com
W: advancednursing.nursingconference.com

26th Global Nursing and Health Care Conference

May 06-07, 2019 | Rotterdam, Netherlands
E: nursing@europemeet.com
W: globalnursing.nursingconference.com

Nutrition



20th International Congress on

Nutrition & Health

March 28-30, 2019 | Amsterdam, Netherlands
E: nutrition@europemeet.com
W: health.nutritionalconference.com

2nd Annual Congress on

Nutrition & Dietetics

November 14-15, 2019 | Zagreb, Croatia
E: clinicalnutrition@europemeet.com
W: clinicalnutrition.annualcongress.com

World Congress on

Pediatric Nutrition & Child Health

May 13-14, 2019 | Paris, France
E: nutraceuticals@europemeet.com
W: childnutrition.insightconferences.com

2nd European Food Chemistry & Nutrition Congress

July 15-16, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: foodchemistrycongress.conferenceseries.com

20th International Congress on

Nutrition & Health

March 28-29, 2019 | Stockholm, Sweden
E: nutrition@europemeet.com
W: health.nutritionalconference.com

Obesity



18th International Conference on

Obesity Diet and Nutrition

May 23-24, 2019 | Paris, France
E: obesitydiet@europemeet.com
W: worldobesity.conferenceseries.com

2nd World Obesity & Healthcare Congress

May 23-24, 2019 | Paris, France
E: worldobesity@europemeet.com
W: obesityconference.conferenceseries.com

Oncology



10th Euro Breast Cancer Summit

March 20-21, 2019 | Paris, France
E: breastcancer@europemeet.com
W: eurobreastcancer.cancersummit.org

15th Global Biomarkers Summit

March 20-21, 2019 | Paris, France
E: breastcancer@europemeet.com
W:biomarkers.global-summit.com

2nd International Conference on

Cancer Diagnosis & Treatment

March 20-21, 2019 | Paris, France
E: cancertreatment@europemeet.com
W: cancertreatment.cancersummit.org

2nd Euro Oncology Summit

October 03-04, 2019 | Paris, France
E: contact@europemeet.com
W: eurooncology.cancersummit.org

15th World Congress on

Blood Cancer

November 21-22, 2019 | Budapest, Hungary
E: bloodcancer@oncologyseries.com
W: bloodcancer.conferenceseries.com

Pathology



17th European Pathology Congress

May 09-10, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: worldpathology.conferenceseries.com

International Conference on

Dermatopathology

May 22-23, 2019 | Paris, France
E: dematopathology@europemeet.com
W: dermatology.pathologyconferences.com

International Conference on

Breast Pathology and Cancer

June 28-29, 2019 | Oslo, Norway
E: breastpathology@europemeet.com
W: breastpathology-cancer.conferenceseries.com

3rd International Conference on

Gynecology and Obstetrics Pathology

June 28-29, 2019 | Oslo, Norway
E: gynecpathology@europemeet.com
W: gynecology-obstetrics.pathologyconferences.com

International Conference on

Molecular Pathology

July 31-August 01, 2019 | Amsterdam, Netherlands
E: molecularpathology@europemeet.com
W: molecularpathology.pathologyconferences.com

International Conference on

Surgical Pathology

July 31-August 01, 2019 | Amsterdam, Netherlands
E: surgicalpathology@europemeet.com
W: surgicalpathology.pathologyconferences.com/europe

Pediatric Pathology Conference

November 06-08, 2019 | Paris, France
E: sponsors@conferenceseries.com
W: pediatricpathology.conferenceseries.com

Pediatrics



World Congress on Clinical Pediatrics

May 09-10, 2019 | Amsterdam, Netherlands
E: clinicalpediatrics@europemeet.com
W: clinicalpediatrics.pediatricsconferences.com

International Conference on

Pediatric Health care

June 12-13, 2019 | Prague, Czech Republic
E: pediatriccare@europe.com
W: pediatriccare.pediatricsconferences.com

World Pediatrics Conference

September 16-17, 2019 | Paris, France
E: worldpediatrics@europemeet.com
W: worldpediatrics.pediatricsconferences.com

16th International Conference on

World Neonatology and Child Care Meeting

September 16-17, 2019 | Paris, France
E: neonatology@europemeet.com
W: neonatology.pediatricsconferences.com

World Congress on

Pediatric Oncology and Care

September 16-17, 2019 | Paris, France
E: contact@europemeet.com
W: pediatriconcology.pediatricsconferences.com

26th European Pediatrics Congress

October 23-24, 2019 | Prague, Czech Republic
E: europediatrics@europemeet.com
W: europediatrics.pediatricsconferences.com

Pharma



13th International Conference on

Biosimilars and Biologics

March 18-19, 2019 | Amsterdam, Netherlands
E: biosimilars@europemeet.com
W: biosimilars.annualcongress.com

15th International Conference and Exhibition on

Nanomedicine and Pharmaceutical Nanotechnology

March 18-19, 2019 | Paris, France
E: nanopharma@europemeet.com
W: nanotechnology.pharmaceuticalconferences.com/2019

11th World Congress on

Neuropharmacology

May 06-07, 2019 | Prague, Czech Republic
E: neuropharmacology@europemeet.com
W: neuro.pharmaceuticalconferences.com/europe

12th World Congress on

Future Pharma

June 27-28, 2019 | Amsterdam, Netherlands
E: futurepharma@europemeet.com
W: futurepharmameetings.pharmaceuticalconferences.com

4th Pharmaceutical Chemistry Conference

June 27-28, 2019 | Amsterdam, Netherlands
E: pharmaceuticalchemistry@europemeet.com
W: pharmaceuticalchemistry.annualcongress.com

7th European Biopharma Congress

June 29-30, 2019 | Stockholm, Sweden
E: biopharma@europemeet.com
W: biopharmaceutics.pharmaceuticalconferences.com/europe

18th Annual Congress on

Pharmaceutics & Drug Delivery Systems

June 27-28, 2019 | Amsterdam, Netherlands
E: pharmaceutics@europemeet.com
W: pharmaceutics.annualcongress.com

8th World congress on

Rare Diseases & Orphan Drugs

September 26-28, 2019 | Amsterdam, Netherlands
E: orphandrug@europemeet.com
W: rarediseases.annualcongress.com

2nd Annual Meet on

Pharmaceutical Oncology

October 14-15, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: pharmaceuticalchemistry.annualcongress.com

5th Edition of International Conference on

Polymer Science and Technology

November 03-04, 2019 | Nice, France
E: polymerscience@europemeet.com
W: polymerscience.annualcongress.com/2019

14th World Congress on

Pharmacology and Drug Safety

December 02-03, 2019 | Nice, France
E: contact@europemeet.com
W: pharmacology.annualcongress.com



9th World Congress on
Spectroscopy & Analytical Techniques
March 06-07, 2019 | Paris, France
E: spectroscopy@europemeet.com
W: analyticaltechniques.annualcongress.com

16th world congress on
Industrial Pharma and Marketing
May 13-14, 2019 | Paris, France
E: euroindustrialpharma@conferenceeurope.com
W: industrial.pharmaceuticalconferences.com/

9th World Congress on
Chromatography
May 13-14, 2019 | Paris, France
E: chromatography@europemeet.com
W: chromatography.conferenceseries.com

10th International conference and Expo on
Separation Techniques
July 30-31,2019 | Amsterdam, Netherland
E: separationtechniques@europemeet.com
W: separationtechniques.annualcongress.com

Pharmaceutical Sciences



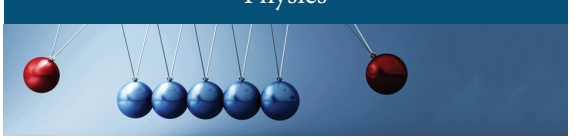
14th Annual Meet on
Euro Ethnopharmacology
April 25-27, 2019 | Amsterdam, Netherland
E: ethnopharmacology@europemeet.com
W: ethno.pharmaceuticalconferences.com

11th annual meet on
Molecular Pharmacology
May 01-02, 2019 | Amsterdam, Netherland
E: molecularpharmacology@conferenceeurope.com
W: molecularpharmacology.pharmaceuticalconferences.com

24th International meet on
Pharmaceutical Biotechnology
May 13- 14, 2019 | Paris, France
E: europharmabiotech@conferenceeurope.com
W: biotechnology.pharmaceuticalconferences.com

7th European Conference on
Pharmacognosy, Phytochemistry and Natural Products
May 13-14, 2019 | Paris, France
E: europharmacognosy@conferenceeurope.com
W: pharmacognosy.pharmaceuticalconferences.com

Physics



6th Global Meet on
Wireless, Aerospace & Satellite Communications
April 15-16, 2019 | Amsterdam, Netherland
E: pharamceutics@europemeet.com
W: physics.physicsmeeting.com

6th World Congress on
Physics
May 13-14, 2019 | Paris, France
E: physics@europemeet.com
W: physics.physicsmeeting.com

2nd International Conference on
Artificial Intelligence, Robotics & IoT
July 15-16, 2019 | Amsterdam, Netherlands
E: robotics@europemeet.com
W: artificialintelligence-iot.enggconferences.com

Global Meet on
Astrophysics & Space Science
September 16-17, 2019 | Amsterdam, Netherland
E: contact@europemeet.com
W: astrophysics.physicsmeeting.com

European Meet on
Laser, Optics & Photonics
October 18-19, 201 | Paris, France
E: contact@europemeet.com
W: laser.conferenceseries.com

Psychology & Psychiatry



European Autism Congress
March 14-15, 2019 | Zagreb, Croatia
E: ECA@europemeet.com
W: autism.conferenceseries.com

European Psychiatrists Meeting
March 14-15, 2019 | Zagreb, Croatia
E: EPM@europemeet.com
W: psychology.psychiatryconferences.com

4th International Conference on
Forensic Psychology & Criminology
April 03-04, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: forensic.conferenceseries.com

2nd International Conference & Expo on
Clinical Psychology
April 03-04, 2019 | Paris, France
E: clinicalpsychology@europemeet.com
W: clinicalpsychology.psychiatryconferences.com

12th World Congress on
Dementia & Alzheimer Rehabilitation
April 11-12, 2019 | Stockholm, Sweden
E: dementia@europemeet.com
W: dementia.psychiatryconferences.com

European Autism Congress
March 14-15, 2019 | Zagreb, Croatia
E: ECA@europemeet.com
W: autism.conferenceseries.com

European Psychiatrists Meeting

March 14-15, 2019 | Zagreb, Croatia
E: EPM@europemeet.com
W: psychology.psychiatryconferences.com

4th International Conference on

Forensic Psychology & Criminology

April 03-04, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: forensic.conferenceseries.com

2nd International Conference & Expo on

Clinical Psychology

April 03-04, 2019 | Paris, France
E: clinicalpsychology@europemeet.com
W: clinicalpsychology.psychiatryconferences.com

12th World Congress on

Dementia & Alzheimer Rehabilitation

April 11-12, 2019 | Stockholm, Sweden
E: dementia@europemeet.com
W: dementia.psychiatryconferences.com

28th International Conference on

Psychiatry & Psychology Health

May 06-07, 2019 | Amsterdam, Netherlands
E: EPM@europemeet.com
W: psychology.psychiatryconferences.com

2nd Annual Congress on

Mental Health

June 14 & 15, 2019 | Amsterdam, Netherlands
E: CMH@europemeet.com
W: mentalhealth.psychiatryconferences.com

International Conference on

Cognitive Development and Human Resilience

August 05-06, 2019 | Paris, France
E: dementia@europemeet.com
W: dementia.psychiatryconferences.com

International Conference on

Neurology & Mental Disorders

October 07-08, 2019 | Stockholm, Sweden
E: mentaldisorders@europemeet.com
W: mentaldisorders.neurologyconference.com

International Conference on

Epilepsy And Seizure

October 21-22, 2019 | Paris, France
E: psychiatricnursing@europemeet.com
W: seizure.psychiatryconferences.com

International Conference on

European Psychiatrists Meeting

November 11-12, 2019 | Paris, France
E: dementia@europemeet.com
W: psychologyhealth.conferenceseries.com



12th Annual Meet on

Pediatric Surgery and Pediatrics

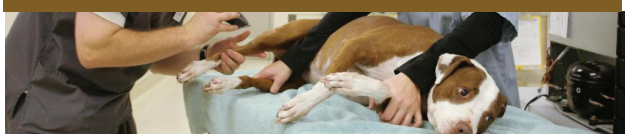
May 13-14, 2019 | Paris, France
E: europediatricsurgery@conferenceeurope.com
W: pediatricsurgery.pediatricsconferences.com

9th Annual meet on

Surgery and Surgical Nursing

April 18-20, 2019 | Paris, France
E: eurosurgicalnusing@europemeet.com
W: surgicalnursing.conferenceseries.com/europe/

Veterinary



European Conference on

Meat Science and Muscle Biology

April 01-02, 2019 | Paris, France
E: respiratory@europemeet.com
W: meatscience.conferenceseries.com

European Conference on

Veterinary and Animal Health

June 24-25, 2019 | Oslo, Norway
E: catherineshaw@europemeet.com
W: veterinaryhealth.conferenceseries.com

International Conference on

Livestock & Animal Husbandry

September 19-21, 2019 | Luxembourg City, Luxembourg
E: catherineshaw@europemeet.com
W: livestockcongress.conferenceseries.com

International Conference on

Veterinary Care

November 19-20, 2019 | Budapest, Hungary
E: catherineshaw@europemeet.com
W: veterinarycare.conferenceseries.com





International Conference on

e-Health & Healthcare Innovations

May 08-09, 2019 | Amsterdam, Netherlands

KEYNOTE FORUM

DAY 01

International Conference on
e-Health & Healthcare Innovations
May 08-09, 2019 | Amsterdam, Netherlands



Paula Hodgson
The Chinese University of Hong Kong,
Hong Kong

Personalized medication advice using mobile apps

Patients in community are given medication after they have been treated in hospitals or local clinics. Although a licensed pharmacist will explain type of drugs and dosage when issuing drug, patients may follow them closely or miss out if they have not paid attention to. More often, they may not have time to discuss about the side effects with the pharmacist. Therefore, it would be very useful to have a mobile application on health record, drug information, pharmacist information and medical appointment with medication information and health conditions of individuals. Currently, this is a mobile application that is under development in Hong Kong to provide an additional e-health support for patients or users who can get useful health information, drug information or make a web-conferencing appointment with a pharmacist through the platform in Hong Kong: http://www.ampoule.org.hk/. It will take six to eight months to design and develop the mobile application. A pilot test will be conducted in Spring 2019. It is hoped that the application can offer an ongoing medication advice when a patient or user of the system need different types of treatment or medical service providers. Moreover, a special feature is to connect family members with the patient such that members will receive short message service (SMS) about medical appointment of the patient. As Hong Kong face the challenge of aging population, the mobile application can serve a better connection between family members and the pharmacy community.

Biography

HODGSON was one of the pioneers in promoting and supporting e-learning in Hong Kong. She has worked in higher education since 1997, serving in The Hong Kong Polytechnic University, University of Auckland, University of Hong Kong, City University of Hong Kong, Hong Kong Baptist University, and now Chinese University of Hong Kong (CUHK). Her research areas include technology-enriched teaching and learning, assessment in higher education, and massive open online courses. Concurrently, she is the co-principal investigator of the following joint-university Teaching and Learning Projects 2016–19 funded by the University Grants Committee: (1) 'Coding, Design, and Global Involvement: Engaging Students in Multi-domain Active Learning through the Creation of Mobile Apps and an Apps Resource Centre (ARC)'; (2) 'Augmenting Physical Learning Spaces with Location-based Services Using iBeacon Technology for Innovative Learning and Teaching'; and (3) 'Enhancing Learning Outcomes for Students through a Data-driven Review of the 4-year Curriculum in UGC-funded Programs'. She has been invited to present in ASEAN University Network on quality assurance and universities. She has made over 150 publications.

phodgson@cuhk.edu.hk

International Conference on
e-Health & Healthcare Innovations
May 08-09, 2019 | Amsterdam, Netherlands

Healthcare errors and patient redress: How can complaints and patient health informatics improve quality?



Karen Cusack
Health Complaints Commissioner
Victoria, Australia

Healthcare errors do occur, and there needs to be a system for dealing with the error and complaints that may follow. Complaints are often viewed negatively, but positive outcomes can result from complaints; from small lessons learnt through to service wide improvements. Fair and responsive complaint frameworks are an important part of quality clinical care. Believing this shapes how complaints are treated, by using effective systems and informatics to capture data not only enables individual matters to be dealt with, but provides trend data leading to quality improvement. Having a good system of dealing with complaints, and recognising them for the role complaints can play, will be assisted by complaint handling standards, applied consistently. Again, all the systems were aligned with the patient experience. Resolving complaints directly can: be the quickest and easiest way to resolve issues; create opportunities for health services to rebuild trust; improve quality and safety through feedback; prevent minor issues from escalating into major problems. The right attitudes within healthcare can go a long way in creating a positive culture in which complaints are seen as an opportunity and not a threat. By having in place effective systems to capture complaints data and identify trends and adopting a genuine interest in receiving feedback, health services can create an environment that improves quality in healthcare.

Biography

Karen Cusack was appointed as Victoria's Inaugural Health Complaints Commissioner in 2017 to oversee complaints resolution processes about health services as well as for conducting investigations into providers who pose a risk to Victorians. Prior to heading up the HCC, she was corporate Counsel of The Royal Women's Hospital and has over 20 years' of experience as a Senior Lawyer. She holds a Master in Laws from Monash University. She has been on a number of boards and was appointed by an expert working group advising on legislative reforms from "Targeting Zero: review of hospital safety and quality assurance in Victoria".

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Adopting interoperability – Blockchain solution for healthcare



Dean Rakic
NovaTec Consulting, Stuttgart, Germany

A big portion of data that are produced by various digital ecosystems has met a lack of interoperability (i14y) on the line between applications, data streams and competitiveness of healthcare services. The new technology approach in the distributed messaging and blockchain became a key component of many technology stacks and can derive real-time data streams as valuable and scalable enough to enable real-time analytics that leads to improved productivity. Ingesting data streams from various sources, patterns of data can extend health trend analysis to the higher level of prediction, accuracy and improve models that suffer from complex and long-running analyses. Some of the known issues that produce lack of interoperability: Lack of i14y between eHealth solutions; reduced communication among task analyst; source complexity on eHealth domains; possibility of interference; difference in architecture/platforms; conflicting standards; heterogeneous landscape of eHealth systems in EU; no unified coding systems; lack of balance between the allocation of the costs and the benefits of semantic i14y. The purpose of this research was to determine a possible bridge solution or a technology platform that can place blockchain as interoperability gap solver. With its principle of non-centralized data collection, non-central database, but sharing and distributing data across networks with the possibility to add and at the same time avoiding data alteration, blockchain becomes a player in the eHealth and in digital healthcare. From the early buzz of the healthcare it has become lately a promising technology that is able to jump into healthcare interoperability story.

Biography

Dean Rakic's professional focus is on project management lead with respect to the entire project life cycle including project initiation and project handling. Besides, his additional personal strength is in acting as a specialist in business liaison/stakeholder management. His overall previous experience is on top of Strategy and Innovation Development during all company development phases. More than 15 years of detailed knowledge of IT and software architecture, project monitoring and project controlling with the identification, analysis, measurement, and control of project risks as well as the regular analysis of the impacts makes his personal stamp of more than 20 years' of experience in IT/ Software Industry.

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Sjaak Vink
CEO and Founder of TheSocialMedwork
Netherlands

Accelerating global access to health innovations

What is the challenge?

Healthcare access is a worldwide challenge. Every day, patients from all over the world are denied access to elsewhere approved health innovations for arbitrary reasons. It is concerning to know that the number of cancer deaths is growing globally year after year with 3 out of 5 people affected with the disease around the world. I have also been there myself. I experienced personal hardships of family members and acquaintances that passed away before ever accessing the medicines they needed. My dear friend Stephan who was also an ALS patient, passed away before accessing the latest elsewhere approved treatments that could have easily prolonged his life. His only wish was to have "More tomorrows".

Why Now?

The creation of TheSocialMedwork is a timely and critical one, with only 11 years separating us from the 2030 health targets of the United Nations. It is our responsibility and duty to eradicate this challenge as soon as possible. Our aim is to keep pushing for a change in the access to healthcare landscape every single day. We have now safely delivered over 5,500 latest innovative medicines to over 75 countries, years before the official availability in these countries.

How are we doing it?

Under the Named Patient import basis, TheSocialMedwork is safely and legally delivering medicines to all over the world. These regulations allow every citizen and healthcare provider to legally import an elsewhere approved treatment into their country of residence. Our success could not be achieved without a highly qualified and skilled multicultural team which includes doctors, pharmacists, medical industry experts, scientists, regulatory experts and lawyers. We focus on the latest innovative medicines in oncology, neurology and rare diseases. We work on behalf of the patient in cooperation with their treating doctor or on behalf of expert hospital pharmacies and professors at centers of excellence. We oversee the entire process of sourcing and delivering the medicine so that the patient, doctor or pharmacy does not have to. In every case, patients must possess a prescription from their treating doctor based in their country of residence. Treatment responsibility should always be with the treating doctor. Our online

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platform is catered to both patients and healthcare professionals. They are able to browse through different treatments and discover the latest trials and approval process. It is also a place of support and inspiration where they can read other patients' experiences living with a particular illness.

What happens next?

TheSocialMedwork's end goal is global health access for everyone regardless of their financial situation. This is why we are working towards crowd funding, blockchain transparency, pricing algorithms and conditional reimbursement pilots. In the future we aim to further work together with pharma companies, patient organisations and healthcare professionals to provide patients with the latest and most innovative treatments at their fingertips the second they become approved around the world.



Sjaak Vink
CEO and Founder of TheSocialMedwork
Netherlands

Biography

Sjaak is the founder and CEO of TheSocialMedwork. He is a social innovator aiming to create a more equal and fair healthcare system that will give everyone, everywhere the same choices. Also the founder and former CEO of myTomorrows, he has further involvement in patient advocate groups such as the Abigail Alliance in Washington DC and Chicago based Cures Within Reach. Later on Sjaak initiated the Global Manifesto for Entrepreneurial Social Impact Change. In 2011 it was signed in Amsterdam by 600 successful young entrepreneurs from all over the world as a commitment to building social impact into the DNA of their companies. Today he remains an active part of TheSocialMedwork, sharing the work floor with a team of dedicated colleagues.

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SCIENTIFIC TRACKS & ABSTRACTS

DAY 01

Sessions:

DAY- 1 May 08, 2019

e-Health | Digital Health Start-up Forum | E-Health Applications | Electronic Health Records | Telemedicine | Consumer Health Informatics | Health IT Systems | Virtual Healthcare | Health Data Security | Medical Devices |e –Prescription | Bioinformatics and Digital Health | Diabetes and digital health | Healthcare Innovations |Next-generation sequencing | Artificial intelligence | Virtual Reality

Session Chair:

Paula HODGSON

University of Hong Kong, Hong Kong

Session Introduction

Title: **Accelerating health care to Orthorexia Nervosa and ObsessiveCompulsive Symptomatic high school students**

Ersin AKPINAR, Cukurova University, Adana - Turkey

Title: **The future of medicine is now: Nanotechnology**

Oluwadamilola Oshodi, University of South Florida, USA

Title: **AMONTRACk- mHealth app to support Parkinson's patients to be more engaged**

Andrea Giovanni Migliavacca, Think4Future Srl - Milan- Italy

Title: **Gaming National Emergency Access Target (NEAT) performance using Emergency Treatment Performance (ETP) definitions and ED short stay units.**

Michael Hession, Western Sydney University, Australia

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Accelerating healthcare to Orthorexia Nervosa and Obsessive Compulsive symptomatic high school students



Ersin AKPINAR
Cukurova University, Turkey

The term of 'eating disorders' (EDs) covers the variety of disorders that are characterized by the abnormal eating habits of the patient associated with emotional difficulties. Orthorexia nervosa (ON) is mainly characterized by supreme obsession with eating healthy, that sometimes lead to the severe physical, psychological and social disorders. Many of the psychological and behavioral aspects of EDs are shared by people who are at risk of ON. A significant correlation between ON and the psychopathological characteristics of other EDs, was observed based on the variables including drive for thinness, bulimia symptoms, body dissatisfaction, perfectionism, interoceptive awareness, asceticism and impulsiveness. Thus, highlighted the possible relation between the risk of suffering ON and the diagnosis of ED.

Biography

Ersin AKPINAR has completed his specialty training in Family Medicine at Adana Numune Research and Training Hospital. He started working at Cukurova University's Medical Faculty Department of Family Medicine in January 2000 and was appointed as a Full Clinical Professor of Family Medicine in 2013. He studied at The Universite Libre de Bruxelles in Brussels between 2004-2005 and then at the University of Illinois at Chicago in 2005 for a period of two months fellowship in Clinical Decision making fellowship, following his study in Akademisches Lehrkrankenhaus der Universität Duisburg-Essen Sankt Clemens Hospitale Sterkrade in 2010 later he went Germany for the project of the research and residency education needs for improving the quality of gastrointestinal diseases care in family medicine and at last he completed his study at University of Michigan at United States in 2014 for a period of three months. The main areas of his interest are primary care of acute and chronic diseases, hypertension, cardiovascular risk analysis, sexuality, and sexual dysfunctions, medical education, learning models, the electronic patient record programs, social media, digital health and innovation. He still works on many university-funded research projects.

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Oluwadamilola Oshodi
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The future of medicine is now: Nanotechnology

Many healthcare professionals are not aware of nanomedicine and how it can transform healthcare practices. Many are not given the opportunity to learn the basics of nanotechnology, specifically in nanomedicine and how it can apply to their practices, businesses, and health. The purpose of this presentation is to give an introduction of nanotechnology and a basic understanding of its various purposes in modern medicine. It will provide an understanding of the functionality and characteristics of nanoparticles and how these details can be manipulated to enhance nanoparticle functions in general therapeutic applications. This presentation will also examine current drugs on the market and future possibilities with nanomedicine. For instance, applications of nanoparticles towards regenerative medicine can improve tissue engineering and ease the effects of diseases like osteoarthritis. In addition, targeted drug delivery systems using nanomedicine can be a solution to current conventional drug delivery options. As healthcare professionals are introduced to new ideas and methods in nanomedicine, they can understand what's possible for their practice and provide the best care possible to their patients. Many healthcare professionals are not aware of nanomedicine and its possibilities for the future of medicine. A basic understanding of nanotechnology on general therapeutic applications such as targeted drug delivery systems and regenerative medicine can transform current healthcare practices and provide professionals with tools to advance patient care.

Biography

Oluwadamilola Oshodi is a student at the University of South Florida, persuing her Master's in Pharmaceutical Nanotechnology. With a background in Biology and Communication Arts, she has made it her duty to make the complexities of science digestible to all people. She is not only a student but the creator of a podcast and an online community called The Plannter which focuses on helping millennials grow into the best version of themselves. She is also the owner and creator of Made for Nano, a platform that helps educate people on the importance of nanomedicine, create opportunities to network with other nanomedicine enthusiasts, and foster relationships to create greater collaborations within the field.

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AMONTRACk- mHealth app to support Parkinson's patients to be more engaged



Andrea Giovanni Migliavacca
Think4Future Srl, Milan, Italy

AMONTRACk, project co-funded by the Lombardy, saw the collaboration between Think4Future and the Casa di Cura del Policlinico to test LifeCharger, an app to support the chronic patient in the management of his/her therapies. Parkinson's disease is a chronic neurodegenerative disease with an evolutionary character that is characterized by the presence of bradykinesia, tremor, rigidity and other motor and non-motor symptoms. The onset of Parkinson's disease is usually asymmetric and has an excellent response to dopaminergic drug therapy. From the early stages of the disease, close monitoring of the patient's proper drug intake is necessary to avoid the occurrence of motor blocking or dyskinesias. Over time the therapy must be personalized continuously based on the characteristics of the patient, the stage of illness and the functional request of the same. This condition, among the chronic diseases, is particularly suitable for testing LifeCharger, as an instrument able to monitor not only the right therapy but also the presence of pathognomonic signs and symptoms of the disease and its development, supporting the clinician in his therapeutic choices with specific and useful reports. Thanks to this monitoring, also factors related to the autonomy of everyday life can be corrected where necessary, aiming for a better quality of life and optimization of the therapeutic response. For chronic Parkinson's patients, there is a close correlation between the correct intake of therapies and the occurrence of symptoms. Allowing the patient to record these events with precision, also with the support of the caregiver, the treating physicians can modulate more precisely the therapies or the possible temporal scan of the same.

Biography

Andrea Giovanni Migliavacca has 22-year of experience in ICT Field. As a Senior Consultant for international organizations (ONUDI, IADB), he has gained international experience. Since 2009, he served as Senior Consultant and Project Manager at Lombardia Informatica where he has also worked in several eHealth projects, leading the team in the SALUS project. Besides managing eHealth projects, he has also worked as Management Consultant in SMEs around Italy. He holds a degree in Business Administration (1988). He is the Founder and the CEO of Think4Future. Based on his experience in several eHealth projects, he has conceived and designed the LifeCharger system.

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Gaming National Emergency Access Target (NEAT) performance using Emergency Treatment Performance (ETP) definitions and ED short stay units



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Western Sydney University,
Australia

Objective: The objective of the present study is to evaluate potential gaming of the four-hour metric known as the National Emergency Access Target (NEAT) in Australia and Emergency Treatment Performance (ETP) in NSW.

Methods: Descriptive statistical analysis was used to recalculate and compare the scores for NEAT and the NSW ETP metric with 32,148 presentations during 2016. The effect on the ETP score of a reclassification of patients was assessed. A computer simulation using a discrete event model illustrated the effect of the use of ED short stay beds on the ETP scores.

Results: Using the ETP timestamp of the intent to discharge a patient, called, 'ready for departure' instead of the time of physically leaving the department which is used in the NEAT definition, resulted in an apparent 6% performance improvement. A local interpretation of the NSW state definition of the 'transferred' patient resulted in the ETP for 'admitted' patients improving by 16%. The discrete event model demonstrated that without changing patient length of stay, ETP scores can be improved by or optimizing the time of the admit decision or increasing the number of ED short stay beds.

Conclusions: The opportunity of NEAT may be squandered unless gaming of the definitions and use of ED short stay beds is addressed. We argue that the longstanding issue of 'departure time' should be defined as 'physically leaving' the department which is a real measure of ED resource use and that NSW and national recommendations should be adjusted. ACEM accreditation of EDs should include review of their application of NEAT definitions so that they truly reflect patient flow processes.

Biography

Michael Hession is a full time Emergency Physician with Master's degrees in Biomedical Engineering and Business Administration. He has an interest in Modelling of Performance Measures. He also has published an article on home telemonitoring in obstructive airways disease.

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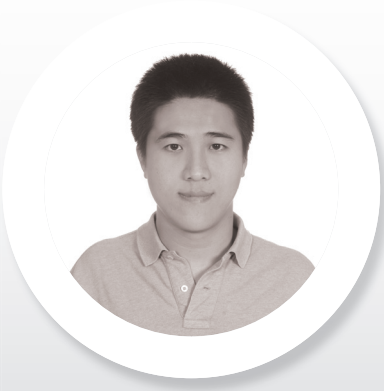
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POSTERS

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Safe maintenance of hospital patient data - Taking the screen saver as an example



Jen-Chun Lin
National Cheng Kung University Hospital, Taiwan

Introduction: This study is to investigate whether the nursing station desktop computer and the e-action nursing work vehicle has a screen protection program and time to check the importance of the personnel in the hospital for personal data protection.

Method: Investigating the setting of the desktop computer and the e-care nursing workbench screen protection program in the general ward and the intensive care unit nursing station. After recording in paper format, it was converted into an excel report before analysis (before the screen saver locks the software) after the policy intervention (after the screen saver locks the software), compared the effectiveness of the screen saver to lock the software import.

Result: The results of the study found that after the policy intervention, the setting ratio of the screen protection program for e-action nursing work vehicles increased from 87.8% to 98.8%, an increase of 11%; the proportion of desktop computer screen protection programs for nursing stations increased from 68.3% to 92.4%, up to 24.1%.

Conclusion: The situation of setting the screen saver in the general ward is obviously improved after the policy intervention, and it is suggested that the popularity of the screen saver setting can be improved. The privacy of the attributes of the space can be divided into the following categories: open space (e-action care work vehicle), semi-open space (general ward care station) and closed space (intensive care unit), and found to be semi-open sexual space (general ward nursing station) has been significantly improved after policy intervention, and the closed space (intensive care unit) has the highest proportion of screen protection programs before policy intervention.

Biography

Jen-Chun Lin is a Researcher and has completed a Master's degree from the National Taipei University of Nursing and Health Sciences in 2011. He is currently serves as a Head-Nursing in the National Cheng Kung University Hospital. He has published one paper in the journal and participated in five academic posters.

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Expanding undiagnosed diabetes screening with machine learning: The future of pharmacy services



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Soon, health systems will increasingly depend on Artificial Intelligence (AI) and Machine Learning (ML) to provide innovative solutions that enhance specialized and personalized healthcare access in community pharmacies, such as highly prevalent and costly diseases such as diabetes mellitus, whose number of cases diagnosed has been uncontrollable. Community pharmacies have contributed to improve the critical sets of chronic outcomes of the diabetic patient, following the pharmacist. However, the increasing prevalence, incidence and precocity of diabetes need new strategies and solutions to end this burden of diabetes. Can machine learning (weak AI or close AI) with algorithms supervised by the pharmacist and cooperating with it simulate human cognition and help manage the health of individuals with or having DM comorbidities? Does the current pharmaceutical care structure of the European Union's community pharmacies be prepared in organizational, legal and financial terms to take on this new paradigm? The purpose of this study is to present a solution that brings together practical and effective tools in a multifactorial approach and invading the world of artificial intelligence. In this study, we suggested a strategy based on the use of the Design Science Research Methodology (DSRM) to design a prototype based on the form of guidelines and GPP and best practices of personal data security and performed a survey for pharmacists who work in a community pharmacy. With pharmacist supervised machine learning, the person with diabetes to be diagnosed can get primary pharmacy follow-up throughout their life, improving their main sets of outcomes and their quality of life. In addition, there is a major impact on environmental sustainability and the financial sustainability of health services. However, the development of various areas of knowledge is essential, which involves reformulation of human, operational and financial resources, as well as recognition of competent authorities, health professionals and the population.

Biography

Ângela Pizarro has obtained her Master's in Pharmaceutical Sciences and is currently pursuing her PhD in International Health: Health Policies in Diabetes Institute of Hygiene and Tropical Medicine, New University of Lisbon, Portugal. She is the Deputy Head Pharmacist in a group of pharmacies in Portugal, a premier healthcare organization. She has published five papers in scientific journals and has been a Teacher in Pharmacy. She has around 10 years of experience in research in Pharmacovigilance, Healthcare Services and e-Health solutions.

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ACCEPTED ABSTRACTS

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Feasibility of mHealth intervention to improve uptake of antenatal and postnatal care services in peri-urban areas of Karachi: A qualitative exploratory study

Anam Feroz, Narjis Rizvi, Saleem Sayani and **Sarah Saleem**
Global advice to companies in the biotechnology, aquaculture and environment sectors

In Pakistan, poor antenatal and postnatal coverage, has accounted for nearly 70% of preventable maternal deaths. Interventions implemented to improve uptake of antenatal and postnatal care services have not shown significant improvements. Recent increase in cellphone penetration has brought forward mHealth as a potential strategy to enhance antenatal care and postnatal care uptake. The objective of this study was to explore if mHealth technology is a feasible strategy to improve uptake of preventive maternal healthcare services in peri-urban areas of Karachi. The study employed an exploratory qualitative research design using focus group discussions and key-informant interviews. Focus group discussions were conducted with pregnant women, women in the postnatal period and lady health workers whereas key-informant interviews were conducted with maternal neonatal and child health experts and mHealth experts. The study data was analyzed using NVivo version 11. This research found that women, healthcare providers and technology experts consider mHealth strategy has high potential to address barriers related to provision and utilization of antenatal care and postnatal care services. Healthcare providers and women understand the term mHealth and knew the benefits of mHealth services. Few of the women and healthcare providers are currently using mHealth for providing and receiving antenatal care and postnatal care services. Women and healthcare provider seemed ready for mHeath use however expressed challenges such as, illiteracy, cultural restrictions, lack of trustworthiness and misuse of technology. This study informs that mHealth is operationally feasible, culturally acceptable and technologically appropriate strategy. For successful integration of mHealth technology in to existing maternal neonatal and child health service delivery structure, it is considered imperative to build a sustainable model of mHealth by involving government, local communities, telecommunication personnel, health care providers and mHealth and maternal neonatal and child health.

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E-health ecosystems in the context of organized complexity and post-normal science

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The attempt of this contribution is to describe, by means of the principles of complexity, the e-health ecosystem. To accomplish our purpose, we consider e-health as a socio-technical system. The dynamics of this system is highly dependent on the interactions and articulations with the environment and its interior components, i.e., on its boundary conditions and subsystems. We open the possibilities to addressing the problems of the health sector from an interdisciplinary approach to provide solutions that take into account the participation of different areas and agents to arrive at alternative readings of reality beyond the current disciplinary views and tools. Our challenge is to applying complexity thinking to new empirical domains regarding new emerging technologies such as artificial intelligence, data analytics and personalized medicine. In other words, our aim is acting on complexity to look for pragmatic socio-technical interventions and implementations driven by the overwhelming technology change of the current digital transformation scenario. In our complexity perspective, we suggest that a socio-technical system, such as e-health, should not be regarded only as a mechanism or infrastructure, but as an entity with human interactions, feedback processes, emergence and interdependence, which are distinctive traits of complex dynamic systems. For this reason, we consider that the contribution of weaver on organized complexity provides the base for the e-health ecosystem analysis regarding information theory and network theory. However, given that the e-health ecosystem involves human participation and the consideration of factors involving values, positions, risks, compromises and interest at stake, the application of Funtowicz and Ravetz strategy know as Post-Normal Science (PNS) is recommended. We have applied our framework in projects such as: The digital divide in rural communities, Quality of Experience (QoE) in e-health interventions and Tele-epidemiology: the case of vector transmitted diseases. The use of complexity science becomes essential to understand the interplay of technology and human behavior. Our approach has provided a pragmatic methodology for problems where agency is fundamental. In our view, this is a useful tool to harnessing complexity in a highly multifactorial environment such as e-health.

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Medical internet of things (MIot) in China

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Currently, chronic diseases and cancers are becoming the primary threat to human health in the world, especially for China. General treatment dilemma, potential aging problem, prevention and health care problem set limits to the development of Chinese modern medicine. To solve these problems, medical internet of things (MIoT) emerges in response to the needs of time and conditions. With the support from government and industries, Chinese doctors set up the infrastructure for e-Health, developed hard-wires and soft-wires, implemented MIot and started collaboration with international organizations. MIoT technology has been successfully applied in diagnosis, treatment and management for different diseases, such as chronic airway disease, obstructive sleep apnea hypopnea syndrome and lung cancer. During these processes, based on cloud and terminal devices, patient information will be stored, transmitted and handled as "big data". Moreover, the application of MIoT will offer protection for precision medicine. Artificial Intelligence (AI) for early diagnosis of lung cancer has also achieved initial success. In the studies for chronic airway diseases, we designed a MIoT platform and initiated a randomized, multicenter, controlled trial entitled the 'MIOTIC study' (IJCOPD.2013:8 433-438) to investigate the influence of MIoT among stable COPD patients. The endpoints of the study include: (1) frequency and severity of acute exacerbation; (2) symptomatic evaluation; (3) pre- and post-bronchodilator Forced Expiratory Volume in 1 second (FEV1) and FEV1/Forced Vital Capacity (FVC) measurement; (4) exercise capacity; and (5) direct medical cost per year. Results from this study should provide direct evidence for the suitability of MIoT in stable COPD patient management. Furthermore, in the studies for lung cancer, we tried Deep Convolutional Neutral Networks (DCNN) based AI system for pulmonary nodule detection and diagnosis in United States and China (2018-S-9818-ATS). We discussed an advanced AI technology for lung cancer early detection and classification model based on DCNN system. For patient populations with different nodule size and type distributions, DCNN-based AI system achieved better result by adapting and re-training using the targeted population dataset. In a recent study (IASLC 19th WCLC-Abstract No 12115, 2018), we found that the NELSON triage algorithm correctly classified patients with malignant solid nodules but misclassified most patients displaying sub-solid nodules. Further studies are needed to better evaluate sub-solid nodules by NELSON. Prevalence of different nodule types in this Chinese population was different from the one observed on the original European NELSON trial. However, certain restrictions still exist in coverage of MIoT services in China because of reimbursements. Even in China, over 2000 medical apps based on Android and iOS systems have been online, but they are faced with problems on lack of top-level design, standards, quality control, participation of famous doctors and large-scale demonstration experience. As a result, we call for academic leadership and evidence-based clinical practice in telehealth practices. In conclusion, MIoT will promote development of modern medicine and improve human health in China.

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Echoes: Innovative Live Long distance cardiac pediatric diagnostic tool

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La Chaine de L'espoir, France

Introduction: Telemedicine represents a promising tool for patients living in remote locations. In 2015, the French NGO La Chaîne de l'Espoir (CDE) introduced a live streaming echography program (echoes®) into its practice. The goal is to: (i) Improve and enable access to echocardiography experts and (ii) Foster distant educational program to improve the care of young patients suffering from heart diseases.

Methods: Methodology includes a prospective study. Appointments were scheduled on a weekly basis between experts in Paris and 2 centers (Phnom-Penh and Kabul). Children were examined by local staff before each session. A game capture device enabled the live streaming of the echo feed through a dedicated platform. Live video and sound were also available for optimal clinical exam and communication.

Results: From 2017 to 2018 a total of 981 cases were included. A mean of 5.7 children (mean age of 4.6 yo) were examined per session (5.24 min per case). The children suffered from ventricular septal defects in 359 cases (36.59%), atrial septal defects in 141 cases (14.07%), patent ductus arteriosus in 85 cases (8.66%) and tetralogy of fallot in 8 cases (0.815%). Surgery was performed by local team or during scheduled missions in 440 cases (44%), catheterism in 110 (11.21%) and medical treatment in 144 cases (15%).

Conclusion: The echoes program has allowed not only providing a timely expert's advice, but also a paradigm shift in how the CDE prepares its surgical missions. It also improved considerably our ability to transfer medical knowledge. Currently, the experience has expanded to 8 other medical centers. This program underlines the potential of telemedicine for the care of patients and for educational purposes. Other studies with long term follow up are needed to consolidate this preliminary experience.

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The diffusion of telehealth: System-level conditions for successful adoption

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Telehealth is a promising advancement in health care, though there are certain conditions under which telehealth has a greater chance of success. This research sought to further the understanding of what conditions compel the success of telehealth adoption at the systems level applying diffusion of innovations (DoI) theory. System-level indicators were selected to represent four components of DoI theory (relative advantage, compatibility, complexity, and observability) and regressed on five types of telehealth; (Teleradiology, Teledermatology, Telepathology, Telepsychology, and Remote Monitoring) using multiple logistic regression. Analyses included data from 84 states leveraging data from the World Health Organization, World Bank, ICT Index, and HDI Index. The analysis supported relative advantage and compatibility as the strongest influencers of telehealth adoption. These findings help to quantitatively clarify the factors influencing the adoption of innovation and advance the ability to make recommendations on the viability of state telehealth adoption. In addition, results indicate when DoI theory is most applicable to the understanding of telehealth diffusion. Ultimately, this research may contribute to more focused allocation of scarce health care resources through consideration of existing state conditions available foster innovation.

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I bought it but… I don't use it anymore: A qualitative study of social representations about health digital technology

Geraldine Escriva-Boulley, Tanguy Leroy, Camille Bernetiere, Francoise Paquienseguy, Orelie Desfriches Doria and Marie Preau

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Introduction: The uses of Digital Technologies (DT) are increasingly ubiquitous in health intervention studies (Michie, et al., 2017). The increase of users, its economic feasibility and round-the-clock availability makes it a potentially viable option in a wide variety of health setting from prevention to chronic diseases management. However, a third of DT users quit use in the first six months after purchase (e.g., Lazar, et al., 2015; Wright, et al., 2017) which could limit its effectiveness on health. There is a need better understand the reasons of individuals' maintenance or attrition regarding the use of DT. The purpose of this study is to investigate Social Representations (SR) about the use of health DT distinguishing participants' health status.

Participants & Results: Participants were cancer patients, cancer survivor or healthy people. Among the 36 participants, 18 participated to focus groups and 18 to individual semi-structured interviews. Results from qualitative analyses highlighted four common themes that emerged from focus groups and interviews regardless of health status. First, participants discussed about the potential difference of usefulness between DT for health and DT for well-being. Second, they linked reasons for maintenance or attrition to characteristics of DT. Third, they expressed their concern about the use and the protection of health data. Fourth, some common beliefs emerged (i.e., generational effect, fantasies about DT functionalities, and intrusiveness of DT). Compared to healthy participants, cancer patients and survivors did not distinguish DT for health and DT for well-being, and insisted on the importance of mastering DT to avoid detrimental effects.

Conclusion: This study aimed at investigating Social Representations (SR) about the use of health DT. Qualitative analyses highlighted common and specific themes related to the maintenance and the attrition of DT depending on participants' health status. Further research is needed to question these result using quantitative methods.

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Examination of diabetes management apps recommended from a Google search: Dr. Google, which app should I use?

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Background: There are currently over 300,000 health apps available on the market for variety of user needs, with diabetes being the most commonly targeted condition. Health apps largely fall outside government regulation, and there are no official guidelines to help clinicians and patients in app selection. Patients commonly resort to the internet for suggestions on which diabetes app to use.

Objectives: The aim of the study is to investigate apps identified through a Google search and characterize these apps in terms of features which support diabetes management.

Methods: We identified and compiled a list of the apps recommended in the returned web articles from a Google search for the "best diabetes apps 2017". Information about each app was extracted from the articles and app store descriptions. We examined the apps for the following diabetes management features: medication management, blood glucose self-management, physical activity, diet/nutrition and weight management.

Results: Twenty-six (26) apps were recommended from four articles. Apart from one article, there were no explicit criteria for the selection of apps. We found wide variation in the type and number of diabetes management features in the recommended apps. Five apps required payment in order to be used. Two-thirds of the apps have blood glucose management features, and less than half have medication management features. The most prevalent app features were nutrition/diet-related (79%) and physical activity tracking (58%).

Conclusions: The wide variability in key features of the apps recommended for diabetes management may pose difficulties for patients when selecting the most appropriate app. There is a critical need for patients, clinicians, relevant professional bodies and policymakers to work together to define the key features an app should have for it to be classified as a diabetes management app.

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One health: Implications for medicine, public health, and health care

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The US and the world faces great health challenges resulting from increasing health disparities related to poverty, ethnicity and conflict; preventable chronic conditions like diabetes and obesity; and emergence and re-emergence of infectious diseases associated with globalization, climate change and other factors at the human-animal-environment interface. One Health refers to the dynamic interdependence of human, animal and environmental health and provides a unique lens through which to examine health problems. Integrating One Health into medical education, public health education, and health care has the potential to create professional synergies and increasing the quality of health care. Many professional organizations in the United States, such as, the American Medical Association, American Nurses Association, American Veterinary Medical Association, and the American Public Health Association have all developed organizational statements supporting One Health. This presentation provides a background to contextualize One Health including related terminology and strategies for integrating One Health into medical education, public health education, and health care.

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E-mental health implementation toolkit

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Leveraging eHealth as a nationally and internationally strategic asset demands a more coordinated approach to planning, implementation and evaluation and the recognition that successful investment in eHealth requires far more than just the acquisition of technology. Recognizing these issues and wishing to encourage evidence-based practice, the Mental Health Commission of Canada commissioned an action research project to develop a clinician toolkit to improve implementation of eHealth tools for clinicians. The toolkit synthesizes the diverse recommendations, policies, research guidelines that could be used to inform clinical practice. The aim of using this technology is to increase the accessibility of services and engage patients and families in Canadian in managing their mental health problems and illnesses. The toolkits objectives are: (1) To synthesis existing evidence-based resources for clinicians in Canada; and (2) To collaboratively identify or develop templates, guidelines, checklists and protocols with which to support clinicians interested in using e-mental health.

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Preventing overtreatment/overutilisation of medical services - A systematic data driven analytics approach based on specialists input

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One of the main reasons for the constant increase in the cost of healthcare globally is overutilisation of medical services, also referred to as overtreatment or overuse. Medical overuse is the provision of medical services that are more likely to cause harm than good, and it is a widespread phenomenon in both high-income and low-income countries. Healthcare market players are well aware of the risks and challenges that overutilisation brings such as locking financial resources unnecessarily and putting patients in an unnecessary risk and exposure to further complications with no added benefits. Very few companies however, are implementing effective methods to reduce this waste. Overtreatment/overutilisation is a threat to the provisioning of high quality healthcare. In this presentation, we will discuss the different aspects of overutilisation internationally, common areas where it occurs and the main driving forces for overutilisation. Then we will present an innovative process which takes analytics capabilities and combines them with input from a network of specialists - delivers significantly improved business and clinical results while tackling all issues associated with overutilisation.

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Looking in to tomorrow's healthcare today: A participatory health perspective

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Health systems around the world face the issue of financial and workforce sustainability. Mobile health technologies provide real opportunities to connect health professionals, patients, payers and the many other contributors who make up the health system and act as enablers of real system change. This paper will show what health systems of the future could be like and emphasizes the opportunities for real patient participation in clinical decision-making if the professions can engage the technologies and patients/community in a meaningful way. Predicting the future is never easy but many of the technologies are here now – but how we will use them to make the system more patient friendly, more productive and sustainable is still for discussion. Around the globe patients can and must be engaged by health professionals and others in clinical decision making about their care and the care of their families and friends. This paper will outline some of the opportunities and challenges for real patient engagement in this journey.

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Cannabis supply chain data leading to innovation in health care

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The medical cannabis industry has embraced technology and leveraged supply chain data to empower patients in new and innovative ways. With regulations coinciding with the greatest tech era in history, the medical cannabis industry has become a haven for the booming tech sector, leveraging data and technology to fuel its rapid growth. Another contributing factor is the unique structure of the medical cannabis supply chain. Unlike traditional pharmaceuticals, the cannabis industry is still in its early stages of maturity. The raw plant form of cannabis is one of the primary forms of consumption, but manufactured products are gaining significant traction, especially in the medical market. The plant has a broad range of effects that vary by strain, growing method, processing techniques and method of administration. Tracking and understanding how these variances affect the end products and how those products affect patient health is vital to advancing the legitimacy of cannabis as a medicine and will lead to more accurate recommendations by health care professionals. Trellis is a seed to sale inventory tracking software that gathers data across the supply chain from cultivation, manufacturing and distribution. This data can be leveraged to provide yield, quality and other production efficiency metrics to operators. The data is tracked using unique identifying barcodes (UIDs) that follow the medicine through to finished products, giving patients the visibility into the entire product lifecycle, including growth methods, extraction and processing techniques and Quality Assurance information. This data allows patients and consumers to make product selections based on the quality, potency and targeted medicinal effect. Operators can leverage feedback from their end patients, to enhance the accuracy of the medical treatments and solutions they are providing. Combining technologies like e-commerce provide an opportunity for brands to connect directly with end patients and provide a forum to collect feedback. Correlations between feedback loops and supply chain data empower healthcare providers to provide more accurate healthcare to the end patient. E-commerce stores and delivery services are disrupting healthcare by increasing accessibility for medical cannabis patients. Being in the "Uber era" has allowed service providers to adapt technology to the cannabis industry and combining this with supply chain data creates an ecosystem that paves the way for a more robust healthcare experience. The modern-day cannabis patient has access to view menus that combine supply chain data from systems like Trellis, providing real-time summaries of product information including test results, terpene profiles, cannabinoid potency and target effects, making it easier for patients to make accurate choices based on their needs. Technology platforms that track, analyze and leverage data, are paving the way for a patient empowered health care system.

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The development and evaluation of a web-based intervention model in supporting couples coping with colorectal cancer as dyads

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Recognition has been growing that the experience of cancer couples is complex and relationships are dynamic. Faced with the diagnosis and treatment of cancer, cancer couples may find their relationship coming under great strain. Based on the previous study on the development and pilot study of a complex intervention: "caring for couples coping with cancer, '4Cs'" programme, the project was designed to develop and evaluate a web-based intervention model in supporting couples coping with colorectal cancer as dyads (4Cs□CRC program). The Medical Research Council's (MRC) framework in developing and evaluating complex interventions was adopted in developing and evaluating this 4Cs□CRC program. A mixed-methods design that includes qualitative and quantitative approaches will be used. Firstly, the programme will be developed based on the experience of colorectal cancer couples living with cancer and their supportive needs, and guided by a Preliminary Live with Love Conceptual Framework (P-LLCF) for Cancer Couple Dyads. The developed 4Cs□CRC program includes three modules, focusing on the couple's dyadic level, individual level, and health professional training. Then, a pre-post pilot trial will be conducted in the second phase to test the feasibility of the programme, including the acceptability of the procedures, the validity, reliability and feasibility of the instruments. Next, the full-scale evaluation of the programme will be conducted to evaluate the effectiveness and process of the programme using RCT and focused group study respectively. Finally, validate the web-based intervention model for colorectal cancer patients and their spousal caregivers.

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The use of mobile phone reminder messages to improve attendance at healthcare appointments: A systematic review and meta-analysis with subgroup analysis

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Background: Patient non-attendance at scheduled healthcare appointments can lead to poor health outcomes and inefficiency in the healthcare system. Forgetfulness is one of the most common causes of patient non-attendance, which can be addressed using digital technology. Mobile phone text message reminders have been proposed as a cost-effective digital health intervention to improve patient attendance at scheduled healthcare appointments. Whilst researchers have suggested that text message reminders are an effective intervention, little information is known about how particular text message properties affect the effectiveness of the intervention or how different socioeconomic patient groups benefit from the mobile health intervention.

Objectives: There are two main objectives of this research study. Firstly, this review focused on updating the literature and evidence based to confirm that mobile phone text message reminders are effective at improving patient attendance and reducing the rate of non-attendance and no-show at scheduled healthcare appointments. Secondly, a sub-group analysis was conducted to investigate different text message properties and the effectiveness of text message reminders in different socioeconomic settings.

Search Methods: For the systematic review, a comprehensive search strategy was developed for the following electronic databases which were searched from January 2002 to April 2018: MEDLINE, EMBASE, PsychINFO, CINAHL, Web of Science, Global Health and The Cochrane Library. Database searching was conducted alongside parallel search methods which included hand searching, backwards citation tracking and examining grey literature sources.

Selection Criteria: Randomized controlled trials that investigated the effectiveness of text message reminders to improve patient attendance, non-attendance or no-show were included in the review. Study participants in the intervention group received at least one text message reminder, and in the control group participants received either usual standard of care or no intervention.

Data Collection & Statistical Analysis: Raw data was extracted from 18 primary research studies. Data was synthesized in a meta-analysis and the overall intervention effect was reported with a forest plot using a random-effects model calculated in R. The results of the meta-analysis and sub-group analysis were reported using Risk Ratio as the summary statistic. The validity of findings was investigated with a sensitivity analysis after a risk of bias assessment, influence diagnostics and robustness checks that were performed on attendance data.

Main Results: The results suggested that text message reminders promote patient attendance at scheduled healthcare appointments (RR=1.14, p=0.000002) and was effective at reducing patient non-attendance (RR=0.75, p=0.0000005) and no-show (RR=0.77, p=0.000001). Importantly, the test for sub-group differences confirmed that the intervention effectiveness was significantly greater for patients in low and middle-income countries compared to high-income countries (p=0.05).

Conclusion: Mobile phone text message reminders improve patient attendance at healthcare appointments. More research is required to determine how best to optimize the intervention with respect to different text message properties. This is the first study to suggest that text message reminders may be more effective at promoting patient attendance in low and middle-income countries compared to high-income countries. Further research should explore the intervention effectiveness in different socioeconomic settings before influencing policy changes and implementation in the healthcare system.

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