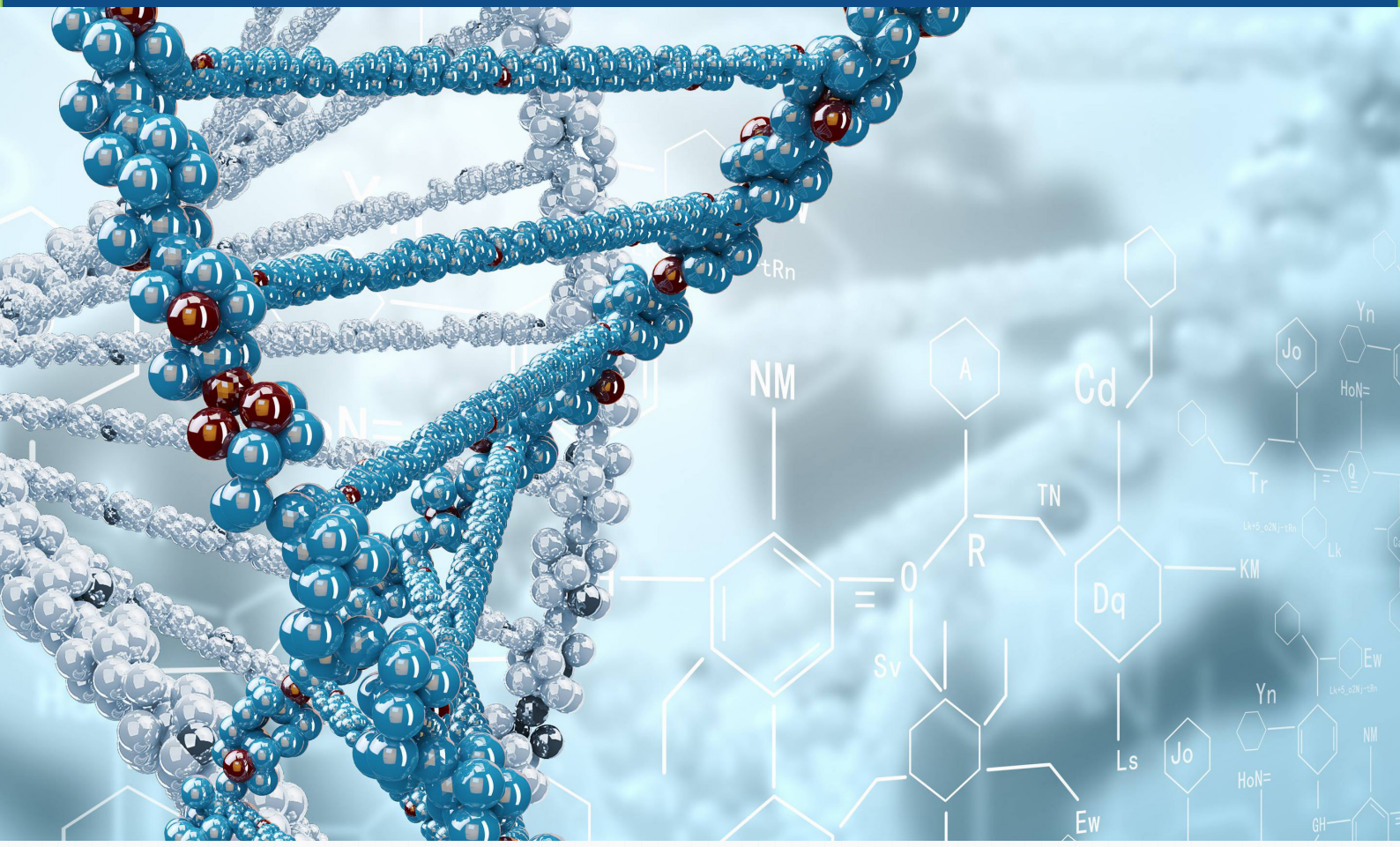
Tentative Program

6th International Conference on

Integrative Biology

May 21-23, 2018 Barcelona, Spain



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

Mail to:

6th International Conference on

Integrative Biology

May 21-23, 2018 Barcelona, Spain

Day 1 May 21, 2018

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for **Day 1**

Day 2 May 22, 2018

		Time	Session 1	Session 2
Morning Sessions	09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25			
Evening Sessions	**13.25-15.05**		**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**
	Poster Sessions			
	Coffee/Tea Break 15.05-15.20 (Networking)			
	15.20-17.00		**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**

40 Speakers on **Day 2**

Day 3 May 23, 2018

		Time	Session 1	Session 2
Morning Sessions	09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25			
Evening Sessions	13.25-15.05		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Awards & Closing Ceremony			

30 Speakers on **Day 3**

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

For more Details PS: http://integrativebiology.conferenceseries.com/

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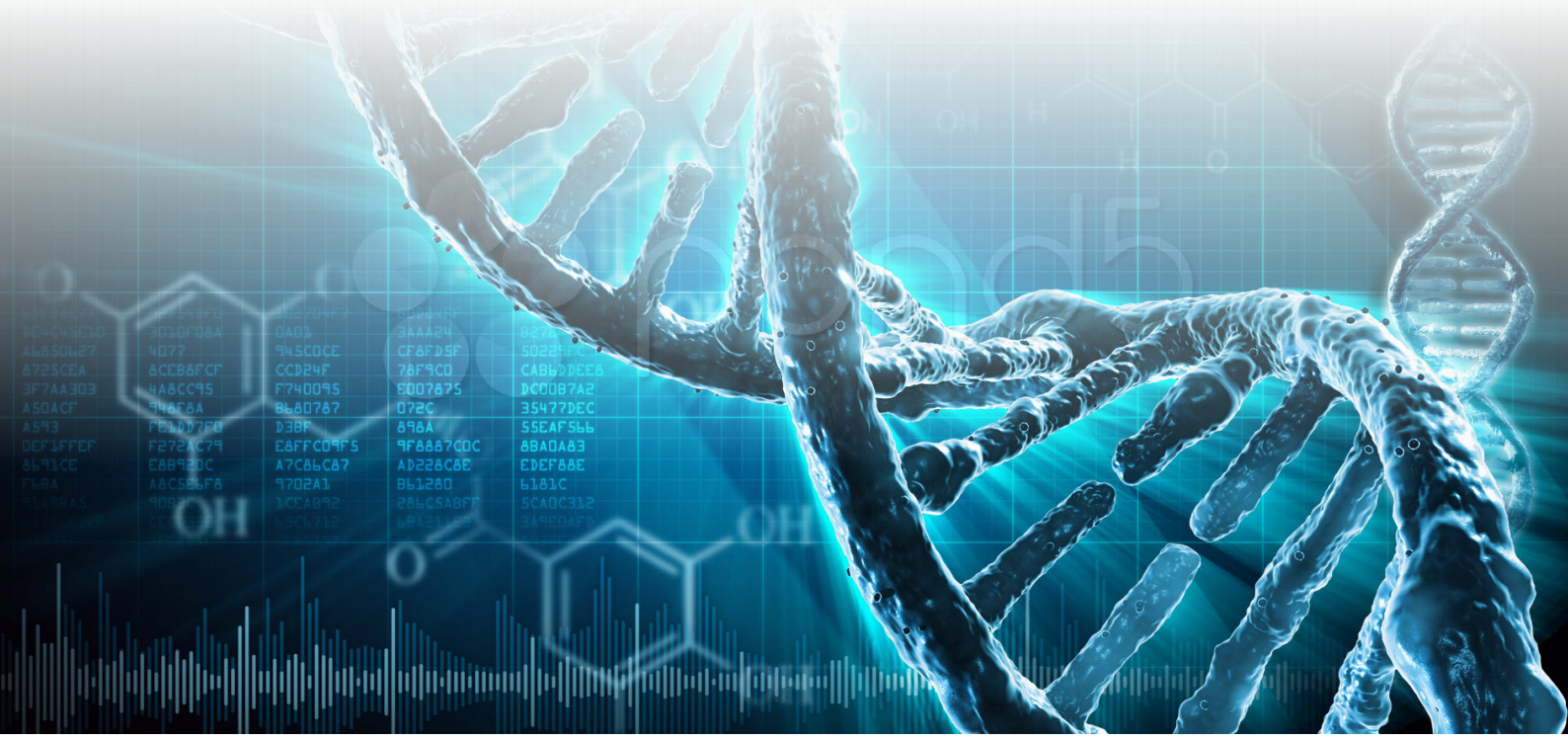
Conference Highlights

- Integrative Biology
- Cell Biology
- Stem Cell Biology
- Developmental Biology
- Molecular Biology
- Structural Biology
- Genetic Engineering and rDNA Technology
- Cancer Biology
- Genomics
- Integrative Computational Biology & Bioinformatics
- Systems Biology
- Bio-Engineering
- Biophysics

For detailed sessions, please visit: http://integrativebiology.conferenceseries.com/

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Glimpses of Integrative Biology Series Conferences

















BEST TOURIST ATTRACTIONS IN BARCELONA, SPAIN



Aquarium Barcelona



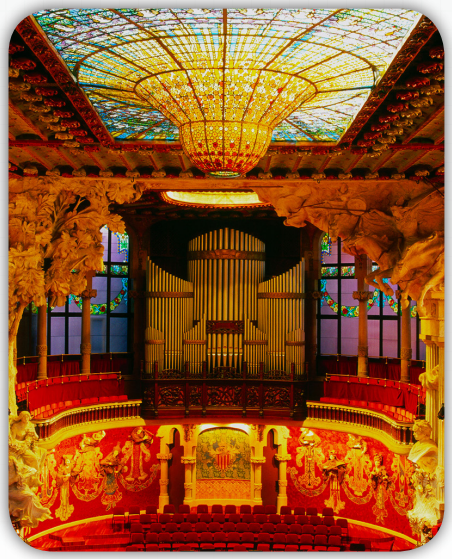
Casa Milà



Park Güell



Arc de Triomf



Palau de la Música Catalana



Tibidabo Amusement Park



Sagrada Família

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Scientific Program

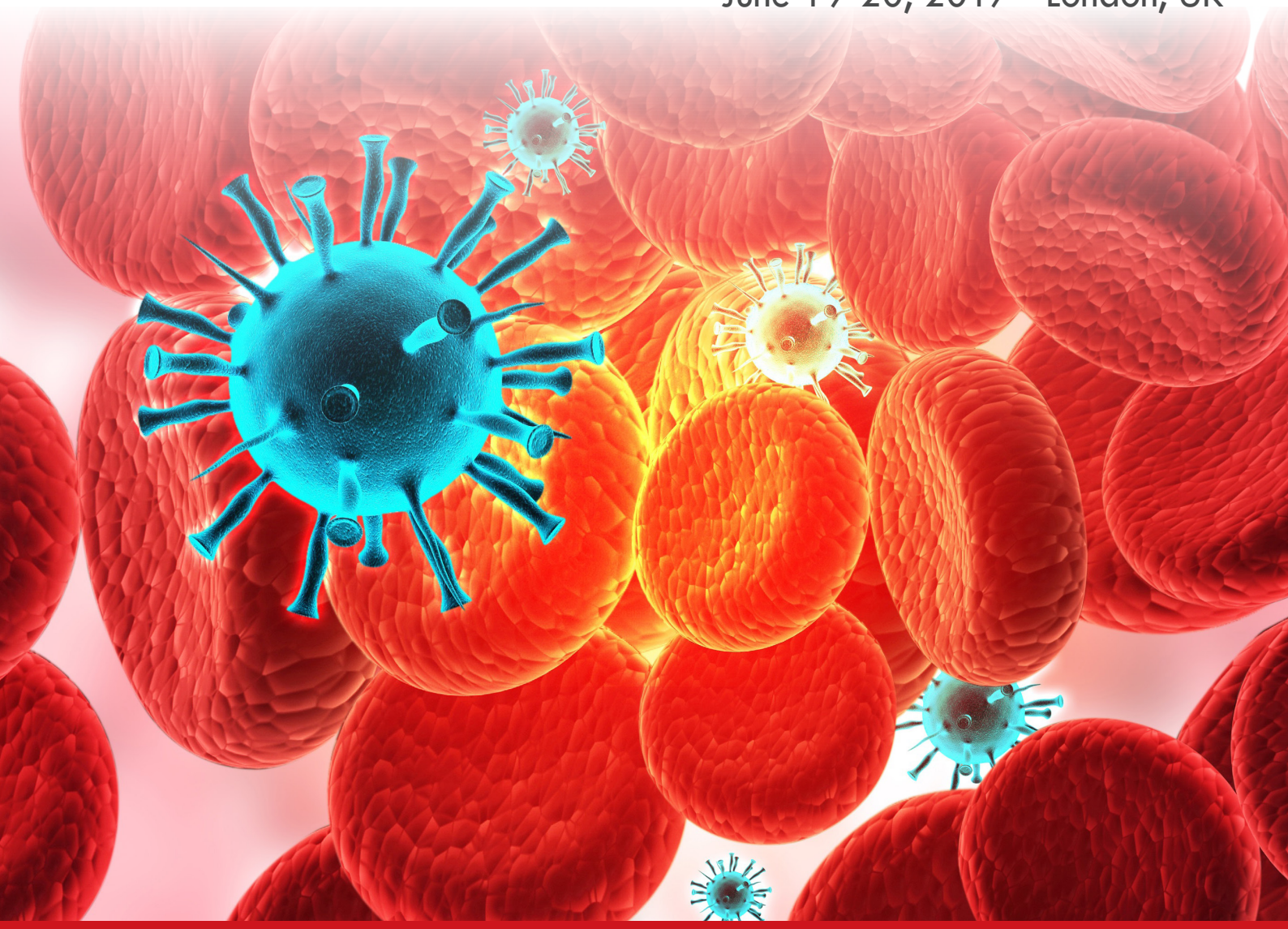
Conference Series Joint Event

2nd International Conference on **Bioscience**

&

5th International Conference on **Integrative Biology**

June 19-20, 2017 London, UK



UK: Conference Series llc LTD
47 Churchfield Road, London, W3 6AY

Day 1 June 19, 2017

Registrations

Waterfront 1

conferenceseries.com

Opening Ceremony

Keynote Forum

Title: Cholesterol masking of membrane glycosphingolipids provides a means to evade tumor immunosurveillance and the basis of a living cell transistor

Clifford Lingwood, Hospital for Sick Children, Canada

Title: Antibodies with functionality as a new generation of translational tools to monitor, to predict and to prevent demyelination

Sergey Suchkov, I.M. Sechenov First Moscow State Medical University, Russia

Group Photo

Networking & Refreshments

Title: Towards the structure of muscle Z-disk using integrative structural biology

Kristina Djinovic-Carugo, University of Vienna, Austria

Sessions: Integrative Biology

Session Chair: Clifford Lingwood, Hospital for Sick Children, Canada

Session Introduction

Title: Autophagy protease ATG4B as a drug target in cancer

Robin Ketteler, University College London, UK

Title: Tracking sub-clonal mutation frequencies throughout lymphoma development identifies cancer drivers in mouse models of lymphoma

Anthony Uren, Imperial College, UK

Title: The self-assembly of alpha-synuclein amyloid fibrils into higher order aggregates

Mireille Claessnes, University of Twente, Netherlands

Lunch Break

Sessions: Bioscience

Session Chair: Svetlana A Limborska, Russian Academy of Sciences, Russia

Session Co-chair: Sakae Tsuda, National Institute of Advanced Science and Technology, Japan

Session Introduction

Title: A new type I antifreeze protein BpAFP undergoes oligomerization to bind to whole surface of an ice crystal

Sakae Tsuda, National Institute of Advanced Science and Technology, Japan

Title: Evaluation of SSR and SNP markers obtained from transcriptome analysis by RNA-seq in *Rubus glaucus* Benth

Marta Leonor Marulanda, Technological University of Pereira, Colombia

Title: Enhancing T1 MRI contrast using gadolinium(III) in a multilayer nanoparticle

Oara Neumann, Rice University, USA

Title: Pharmacogenomics of peptide drugs

Svetlana A Limborska, Russian Academy of Sciences, Russia

Title: Combined metagenomics and meta-metabolomics analyses for cacao fermentation characterization

Juan Cevallos-Cevallos, Escuela Superior Politecnica del Litoral, Ecuador

Networking & Refreshments

Title: Metabolomic-based pathway analysis proposes changes in membrane fluidity of metalaxyl-resistant isolates of *Phytophthora infestans*

Maria Gabriela Mariduena-Zavala, Escuela Superior Politecnica del Litoral, Ecuador

Title: Advanced two-photon photolithography and novel ionic liquid – polymer composite enhance fundamental studies in biology

Natalia Bakhtina, Karlsruhe Institute for Technology, Germany

Title: Molecular genetic study to determine the role of melanin biosynthesis genes in the survival of the human pathogen *Lomentospora prolificans*

Ayat Al-Laaeiby, University of Exeter, UK

Panel Discussion

Day 2 June 20, 2017

Waterfront

Keynote Forum

Title: Plasmonics nanoprobes: A new generation of biotools for cellular sensing, biomedical imaging and bioenergy research

Tuan Vo-Dinh, Duke University, USA

Title: Visualization and quantification of protein interactions along microtubules in mammalian cells

David Pastre, University of Evry, France

Networking & Refreshments

Title: Bio-manufacturing of gout medicine

Ganapathi Sivakumar, University of Houston, USA

Sessions: Integrative Biology

Session Chair: Bernard S Lopez, Institut Gustave Roussy, France

Session Introduction

Title: Promoter sequences of genes controlling genome stability are altered in late G2 phase, following low/endogenous replication stress

Bernard S Lopez, Institut Gustave Roussy, France

Title: NELF-E is recruited to DNA double-strand break sites to promote transcriptional repression and repair

Nabieh Ayoub, Technion - Israel Institute of Technology, Israel

Title: Localized LoxL3-dependent fibronectin oxidation regulates myofiber stretch and integrin-mediated adhesion

Peleg Hasson, Technion - Israel Institute of Technology, Israel

Lunch Break

Title: Mapping the landscape of a eukaryotic degronome

Tommer Ravid, Hebrew University of Jerusalem, Israel

Title: Toll-like receptor 2-mediated MAPKs and NF-kB activation requires GNAO1-dependent pathway in human mast cell

Yangyang Yu, Shenzhen University Health Science Center, China

Title: Dynamic location of integration sites on host genomes during lateral gene transfer processes in live bacteria

Rinat Arbel-Goren, Weizmann Institute of Science, Israel

Title: The potential use of clausenidin in the treatment of liver cancer

Peter M Waziri, University of Putra, Malaysia

Title: iPSC-based research of bipolar mania

Jun Yao, Tsinghua University School of Life Sciences, China

Networking & Refreshments + Poster Presentations

Video Presentation

Title: The effects of initial conditions on fabrication of porous material

Peng-Sheng Wei, National Sun Yat-sen University, Taiwan

Title: Tumor suppressor miRNAs: Hypermethylation and novel potential targets in breast cancer

Eleonora A Braga, Institute of General Pathology and Pathophysiology, Russia

Award & Closing Ceremony

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557th Conference

Scientific Program

4th International Conference on

Integrative Biology

July 18-20, 2016 Berlin, Germany



UK: Conference Series llc LTD

47 Churchfield Road, London, W3 6AY **Ph:** +1 702 508 5200 **Ext:** 8033

e-mail: integrativebiology@conferenceseries.net; integrativebiology@geneticsmeetings.com

Registrations

Experience II

conferenceseries.com

Opening Ceremony

Keynote Forum

Title: Virtualized drug development for (truly) personalized drug therapy
Hans Lehrach, Max Planck Institute for Molecular Genetics, Germany

Title: The retinoic acid receptor controls the mechanobiology in pancreatic stellate cells to suppress matrix remodeling and inhibit cancer cell invasion
Armando del Rio Hernandez, Imperial College London, UK

Networking & Refreshment Break

Title: Structural basis of pre-mRNA splicing
Reinhard Lührmann, Max Planck Institute for Biophysical Chemistry, Germany
Title: Chemical biology directed to anti-infective drug discovery
Mark Brönstrup, Helmholtz Centre for Infection Research, Germany

Session Introduction

Sessions: Cell Biology | Developmental Biology | Stem Cell Biology | Tissue Biology

Session Chair: Anja Nohe, University of Delaware, USA
Session Co-Chair: Jamila Chakir, Laval University, Canada

Title: Potential targets of VIVIPAROUS1/ABI3-LIKE1 (VAL1) repression in developing *Arabidopsis thaliana* embryos
Eva Collakova, Virginia Tech, USA
Title: Hybrid PCL/chitosan scaffolds with micro and macro porosity
Hilal Turkoglu Sasmazel, Atilim University, Turkey
Tittle: Regulation of inflammatory and anti-apoptotic responses through the IL–1RI/TILRR complex
Eva Qwanstrom, University of Sheffield, United Kingdom

Lunch Break

Title: New treatments for articular cartilage formation and repair
Anja Nohe, University of Delaware, USA
Title: The mechanobiology of muscle nuclei: Mechanism and functional significance
Talila Volk, Weizmann Institute of Science, Israel
Title: Protein replacement therapy for mitochondrial disorders: New hopes for incurable diseases
Haya Lorberboum-Galski, The Hebrew University of Jerusalem, Israel
Title: Investigation of sensory interface relaying information from cerebrospinal fluid to motor circuits
Claire Wyart, Institut du Cerveau et de la Moelle épinière-UPMC CNRS, France
Title: microRNAge: The role of microRNAs in aging of the *Drosophila* germline stem cell niche
Hila Toledano, University of Haifa, Israel
Title: Radio-sensitization of clioquinol and zinc ion in human cancer cells
Yu Haijun and Yunfeng Zhou, Zhongnan Hospital of Wuhan University, China
Title: Dissecting the mechanisms of liquid to solid phase transition associated with neurodegenerative diseases
Avinash Patel, Max Planck Institute of Molecular Cell Biology and Genetics, Germany

Networking & Refreshment Break

Tittle: Actin and annexin A2: Essential partners of neuroendocrine secretion
Chasserot-Golaz Sylvette, Institute of Cellular and Integrative Neurosciences, France
Title: Tissue engineering concept of a model of airway bronchial mucosa
Jamila Chakir, Laval University, Canada

Title: Importance of Myc-related microRNAs in induced pluripotency
E. Sacide Çaglayan, Yıldırım Beyazıt University, Turkey
Title: Neogenin expression may be inversely correlated to the tumorigenicity of human lung cancer
Yu Liu, Zhongnan Hospital of Wuhan University, China
Title: Proteolytic maturation of *Drosophila* neuroligin3 in central nervous system
Jun Wu, Southeast University, China
Title: Chondrogenic and possible pathologic effects of PRP on adipose derived MSCs
Arezou Pakfar, Islamic Azad University, Iran
Title: The effect of biosynthesized *Rhazya stricta* leaf extracts with gold nanoparticles on breast cancer cell lines
Mohammed Nabih Baeshen, University of Jeddah, KSA

Panel Discussion

Day 2 July 19, 2016

Experience II

Special session by Nobel Laureate Ada Yonath

Title: Novel antibiotics against species-specific resistance, microbiome conservation and environmental preservation
Ada Yonath, Weizmann Institute, Israel

Keynote Forum

Title: How is the chirality information transferred during the mollusk development?
Reiko Kuroda, Tokyo University of Science, Japan

Networking & Refreshment Break

Sessions: Molecular Biology | Structural Biology

Session Chair: Michael Kolbe, Max Planck Institute for Infection Biology, Germany
Session Chair: Alexei V Finkelstein, Russian Academy of Sciences, Russia

Session Introduction

Title: There and back again: Two views on the protein folding puzzle
Alexei V Finkelstein, Russian Academy of Sciences, Russia
Title: The bacterial type 3 secretion system: Structure function analysis of a molecular syringe
Michael Kolbe, Max Planck Institute for Infection Biology, Germany
Title: Proteasome dynamics
Cordula Enenkel, University of Toronto, Canada
Title: Non-coding RNAs: An integrative biology hope for anxiety-related syndromes
Hermona Soreq, The Hebrew University of Jerusalem, Israel
Title: The foldback intercoil DNA
Byung-Dong Kim, Seoul National University, South Korea
Title: Structural basis of DNA gating by gyrase and topoisomerase IV and its inhibition by antibacterial therapeutics
Larry Mark Fisher, University of London, UK

Lunch Break

Title: The relationship between the structural properties of p53 binding sites and p53-dependent gene expression
Tali Haran, Technion-Israel Institute of Technology, Israel
Title: Bacterial genetics and structural biology for decoding the ubiquitin code
Gali Prag, Tel Aviv University, Israel
Title: Mechanically-induced protein structural changes in fibrin hydrogels using hyperspectral CARS microscopy
Sapun H Parekh, Max Planck Institute for Polymer Research, Germany
Title: Extrachromosomal circular DNA: A key player in creation of copy number variation
Henrik Devitt Møller, University of Copenhagen, Denmark
Title: Exposure to early life stress and glucocorticoids: Mechanisms of system-wide epigenetic effects
Nadine Provençal, Max Planck Institute of Psychiatry, Germany

Poster Competition and Refreshment Break

IB- 01	**Title: Synergistic antimicrobial effects and GC-MS analysis of phytocomponents of *Commiphora quadricincta*** **Nehad Mahmoud Gumgumjee**, King Abdulaziz University, KSA
IB- 02	**Title: Antibacterial and phytochemical properties of Qutran (wood tar) from *Olea europaea* subsp. cuspidate growing in Saudi Arabia (Al Bahah district)** **Abdul Rahman Hajar**, King Abdulaziz University, KSA
IB- 03	**Title: Identification of tissue specific cell death using methylation patterns of circulating DNA** **Daniel Neiman**, The Hebrew University-Hadassah Medical School, Israel
IB- 04	**Title: Adipose-derived stromal cell cluster with light therapy enhance angiogenesis and skin wound healing in mice** **In-Su Park**, Dankook University, South Korea
IB- 05	**Title: Evaluation of somatic point mutations associated to splicing mechanisms in colorectal cancer** **Joice de Faria Poloni**, Federal University of Rio Grande do Sul, Brazil
IB- 06	**Title: Screening the effect of different extraction methods for callus extracts of cassava (*Manihot esculenta*) plants using polar and non polar solvents as anti-breast cancer cell growth** **Nermeen M Arafa**, National Research Centre, Egypt

Title: Identification of non-intuitive biomarkers predicting dependency on AKT vs. MAPK signaling of ERBB2+ cancer cells using an integrated experimental and computational framework
Jinyan Du, Merrimack Pharmaceuticals Inc., USA
Title: The genetics of aortic valve disease
Mona Nemer, University of Ottawa, Canada
Title: Effect of porcine CD14 *gene* RNAi on the expression of toll-like receptor 4 pathway-related genes, the level of pro-inflammatory cytokines and adhesion ability to *Escherichia coli*
Chaohui Dai, Yangzhou University, China
Title: Radio-sensitization of clioquinol and zinc ion in human cancer cells
Ying Liu, Yangzhou University, China

Panel Discussion

Day 3 July 20, 2016

Experience II

Sessions: Systems Biology | Bioinformatics | Bioengineering | Bioimaging

Session Chair: Bernard Korzeniewski, Jagiellonian University, Poland
Session Chair: Mahmoud Rouabhia, Laval University, Canada

Session Introduction

Title: Regulation of oxidative phosphorylation during work transitions and bioenergetic background of mitochondrial diseases

Bernard Korzeniewski, Jagiellonian University, Poland

Title: Novel methods for integrative modeling of biomedical data

Vanathi Gopalakrishnan, University of Pittsburgh School of Medicine, USA

Title: Mutational interference mapping experiment (MIME) for studying RNA structure and function

Max von Kleist, Freie Universität Berlin, Germany

Title: Cellular systems biology of chromosome dynamics

Karen Lipkow, University of Cambridge, UK

Networking & Refreshment Break

Title: MHC I and antigen selection: Immune system modeling integrates cellular function with structural plasticity

Jorn M Werner, University of Southampton, UK

Title: Investigating functional relationships of five critical genes present in the familial non-synonymous loci with risk of having acute lymphoblastic leukemia

Erchin Serpedin, Texas A&M University, USA

Title: Energy anabolism as a modulator of adaptation across domains of life

Daniel H Shain, Rutgers University, USA

Title: Conformational study of a mutated protein complex in xeroderma pigmentosum disease using molecular dynamics and residue interaction networks

Bruno César Feltes, Federal University of Rio Grande do Sul, Brazil

Title: Robust patterning of gene expression based on internal coordinate system of cells

Ken-ichro Ogawa, Tokyo Institute of Technology, Japan

Title: Super-resolution imaging of intrinsically fast moving flagellates

Susanne Franziska Fenz, University of Wurzburg, Germany

Lunch Break

Title: Fabrication of high biocompatible Pt-nylon and Pt-silk composite materials by supercritical carbon dioxide-assited metallization method

Tso-Fu Mark Chang, Tokyo Institute of Technology, Japan

Title: Electrical stimulation as a tool to accelerate cutaneous regeneration and wound repair

Mahmoud Rouabhia, Laval University, Canada

Title: Synthesis of molybdenum disulphide (MoS^2) gadolinium complex with core shell structure used as *in vivo* MRI

Rajeshkumar Anbazhagan, National Taiwan University of Science and Technology, Taiwan

Thanks giving & Closing ceremony