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Scientific Program

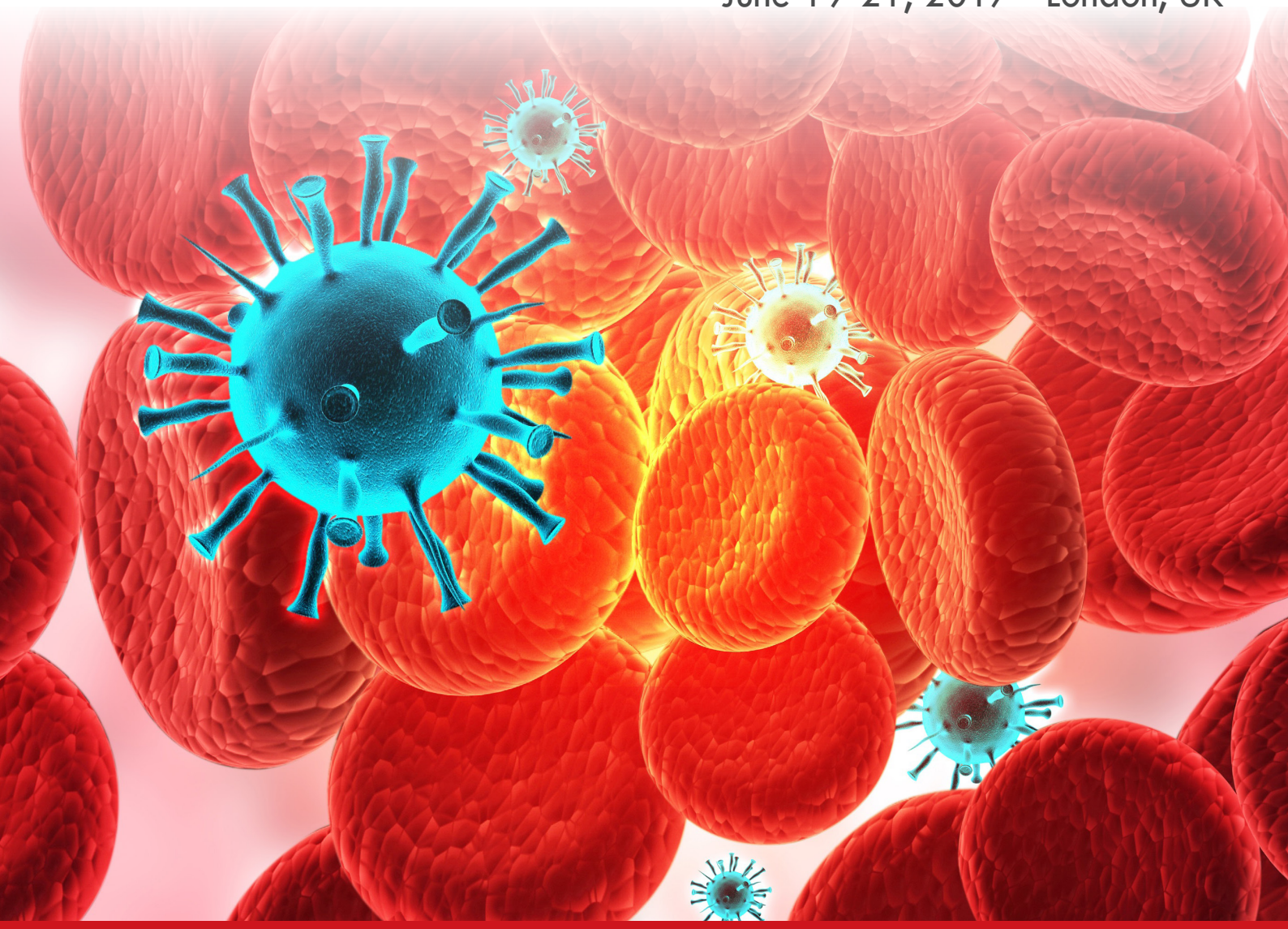
Conference Series Joint Event

2nd International Conference on **Bioscience**

&

5th International Conference on **Integrative Biology**

June 19-21, 2017 London, UK



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Toll Free: 1-888-843-8169, P: 702-508-5200, F: +1-650-618-1417

Conference Series - UK

Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +0-800-014-8923

Day 1 June 19, 2017

08:30-09:00 Registrations

Waterfront 1

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

Keynote Forum

09:30 - 10:10 **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

10:10-10:50 **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 10:50- 11:10 @ Foyer

11:10-11:50 **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

11:50-12:15 **Title: Autophagy protease ATG4B as a drug target in cancer**
Robin Ketteler, University College London, UK

12:15-12:40 **Title: Tracking sub-clonal mutation frequencies throughout lymphoma development identifies cancer drivers in mouse models of lymphoma**
Anthony Uren, Imperial College, UK

12:40-13:05 **Title: The self-assembly of alpha-synuclein amyloid fibrils into higher order aggregates**
Mireille Claessnes, University of Twente, Netherlands

Lunch Break 13:05-14:00 @ Restaurant

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

14:00-14:25 **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

14:25-14:50 **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

14:50-15:15 **Title: Enhancing T1 MRI contrast using gadolinium(III) in a multilayer nanoparticle**
Oara Neumann, Rice University, USA

15:15-15:40 **Title: Pharmacogenomics of peptide drugs**
Svetlana A Limborska, Russian Academy of Sciences, Russia

15:40- 16:05 **Title: Combined metagenomics and meta-metabolomics analyses for cacao fermentation characterization**
Juan Cevallos-Cevallos, Escuela Superior Politecnica del Litoral, Ecuador

Networking & Refreshments 16:05-16:25 @ Foyer

16:25-16:50 **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

16:50-17:15 **Title: Advanced two-photon photolithography and novel ionic liquid – polymer composite enhance fundamental studies in biology**
Natalia Bakhtina, Karlsruhe Institute for Technology, Germany

17:15-17:40	**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

09:30-10:10	**Title: Plasmonics nanoprobes: A new generation of biotools for cellular sensing, biomedical imaging and bioenergy research** **Tuan Vo-Dinh,** Duke University, USA
10:10-10:50	**Title: Visualization and quantification of protein interactions along microtubules in mammalian cells** **David Pastre,** University of Evry, France

Networking & Refreshments 10:50- 11:10 @ Foyer

11:10-11:50	**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

11:50-12:15	**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
12:15-12:40	**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
12:40-13:05	**Title: Localized LoxL3-dependent fibronectin oxidation regulates myofiber stretch and integrin-mediated adhesion** **Peleg Hasson,** Technion - Israel Institute of Technology, Israel

Lunch Break 13:05-14:00 @ Restaurant

14:00-14:25	**Title: Mapping the landscape of a eukaryotic degronome** **Tommer Ravid,** Hebrew University of Jerusalem, Israel
14:25- 14:50	**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
14:50- 15:15	**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
15:15-15:40	**Title: The potential use of clausenidin in the treatment of liver cancer** **Peter M Waziri,** University of Putra, Malaysia
15:40-16:00	**Title: iPSC-based research of bipolar mania** **Jun Yao,** Tsinghua University School of Life Sciences, China

Networking & Refreshments + Poster Presentations 16:00-16:30 @ Foyer

Video Presentation

16:30-16:50	**Title: The effects of initial conditions on fabrication of porous material** **Peng-Sheng Wei,** National Sun Yat-sen University, Taiwan
16:50-17:10	**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

Day 3 June 21, 2017

Extended Networking Session & Lunch 13:00-14:00