

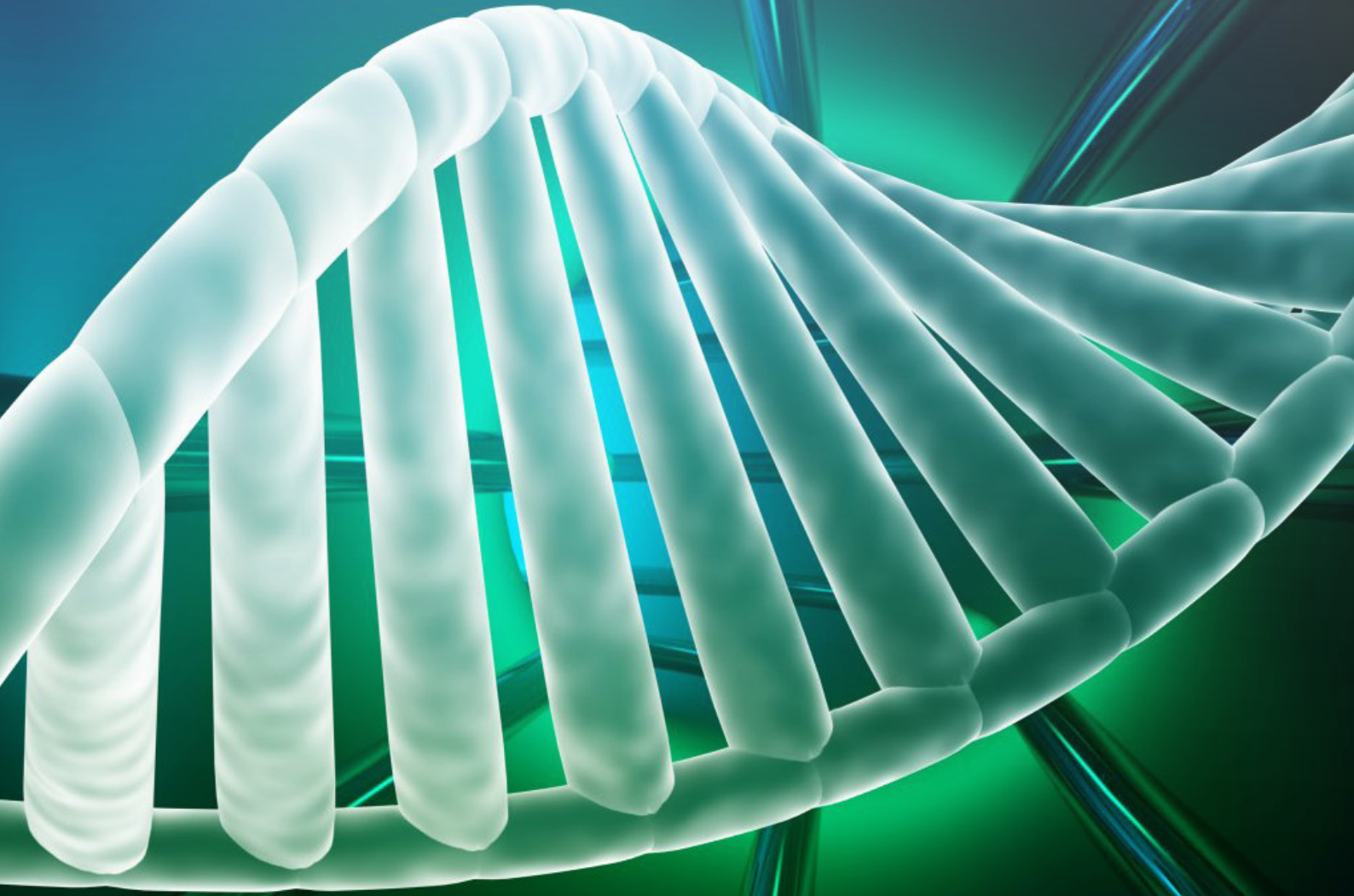
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*Scientific Program*

*12<sup>th</sup> World Congress on*

# *Structural Biology*

**May 14-15, 2018 | Osaka, Japan**



**Hosting Organization: Conference Series llc LTD**

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Day 1 May 14, 2018

08:30-09:00 Registrations

Crystal

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09:00-09:15

## Opening Ceremony

### Keynote Forum

09:15-10:00 **Title: Red beet juice and urine system**  
Jaleel Kareem Ahmed, Babylon University, Iraq

Group Photo & Refreshment Break 10:00-10:15 @ Pre Conference Area

### Special Session

10:15-11:15 **Title: RegenerAge system: Therapeutic effects of combinatorial biologics (mRNA and allogenic MSCs) with a spinal cord stimulation system on a patient with spinal cord section**  
Joel I Osorio, RegenerAge SAPI de CV, Mexico

### Keynote Forum

11:15-12:00 **Title: Regulation of BIK ubiquitination determines life-death fate of cellular stress responses and anti-tumor activity**  
Ruey-Hwa Chen, Institute of Biological Chemistry-Academia Sinica, Taiwan

12:00-12:45 **Title: Automatic control of physiological state for future clinical treatment: Necessity of mathematical models**  
Tomohiko Utsuki, Tokai University, Japan

### Panel Discussion

Lunch Break: 12:45-13:45 @ The Cafe

#### Sessions:

Neurobiology | Structural and Cell Biology | Chemical Biology | Systems Biology | Immunology | Nano Engineering | Stem Cell Biology and Regenerative Medicine | Bio Physics and Structural Biology | Bio-Engineering | Computational Structural Biology | Structural Biology in Drug Discovery | Data Mining in Structural Biology | Cardiac Cell Biology | Cancer Biology | Structural Biochemistry

Session Introduction

Session Chair: Jaleel Kareem Ahmed, Babylon University, Iraq

13:45- 14:15 **Title: New structure and energy cycles of kinesin dimers walking on microtubules revealed from molecular simulations**  
Xiongwu Wu, National Institutes of Health Bethesda, USA

14:15 -14:45 **Title: Structural modeling of membrane proteins from viruses**  
Wolfgang B Fischer, National Yang-Ming University, Taiwan

14:45-15:15 **Title: Problems of mental adaptation in patients with diabetic foot syndrome**  
Anil Batta, Govt. Medical College-Amritsar, India

15:15-15:45 **Title: Communication between DNA synthesis and proofreading in mitochondrial DNA polymerase**  
Whitney Yin, University of Texas Medical Branch, USA

### Panel Discussion

Refreshment Break 15:45-16:00 @ Pre Conference Area

### Young Research Forum

16:00-16:30 **Title: The seminiferous tubules of mammalian testes: A different epithelium encased by a bandage structure of smooth muscle cell monolayers**  
Lisa M Domke, German Cancer Research Center, Germany

16:30-17:00 **Title: Molecular identification of sour (*Tamarindus indica* L.) and sweet tamarind (*T. indica* L.var.Aglibut) using ITS, rbcl and matK DNA markers**  
Jacob Anderson C Sanchez, Pampanga State Agricultural University, Philippines

17:00 -17:30 **Title: Structural insights on homologous recombination**  
Chantal Prévost, Institute of Physico-Chemical Biology, Paris

Panel Discussion

Day 1 Close

Day 2 May 15, 2018

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Keynote Forum

9:30-10:15 **Title: Targeting the intracellular proteome with T cell mimicking antibodies: structural and functional properties**  
**Yoram Reiter**, Technion-Israel Institute of Technology, Israel

Session Introduction

Sessions: Structural Bioinformatics and Proteomics | Structural Biology and Single Molecules | Molecular Modeling and Dynamics | 3D Structure Determination | Computational Approaches in Structural Biology | Structural Molecular Biology | Structural Virology | Hybrid Approaches for Structure Prediction | Sequencing | Drug Designing | Signaling Biology | Frontiers in Structural Biology | Recent Advances in Structural Biology | Structural Biology in Cancer Research | Structural Biology Complexity Arenas

Session Introduction

10:15- 10:45 **Title: Tobacco smoking and nicotine modulate Nrf2-BDNF-Dopaminergic signaling in cerebral cortex and testis of adult rats during addiction and withdrawal**

**Nibedita Naha**, National Institute of Occupational Health, India

Refreshment Break 10:45-11:00 @ Pre Conference Area

11:00-11:30 **Title: Ethics of synthetic biology**  
**Krishna Dronamraju**, Foundation for Genetic Research, USA

11:30-12:00 **Title: Effect of PGF<sub>2α</sub> receptor antagonist on prostaglandin production and COX-2 protein expression in bovine endometrial epithelial cells**

**S Mondal**, National Institute of Animal Nutrition and Physiology, India

12:00-12:30 **Poster Presentations**

Networking and B2B Meeting

Certificate Distribution & Closing Ceremony

Lunch Break: 13:00-14:00 @ The Cafe

Day 2 Close