



GAVIN CONFERENCES

3rd International Conference on Advances in Biotechnology

April 25–26, 2019 | Osaka, Japan

Gavin Conferences

5911 Oak Ridge Way, Lisle, IL 60532 , USA

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Scientific Program

Day 1

April 25, 2019

09:15 - 10:15 Registrations

10:15 – 10:30 **Opening Ceremony**

Keynote Forum

10:30 – 11:00 **Rajinder S. Ranu**
Colorado State University, USA

11:00 – 11:30 **Shoichiro Ozaki**
Institute of Physical and Chemical Research (RIKEN) – ISTC, Japan

Refreshments Break: 11:30 - 11:45

11:45 – 12:15 **San-Lang Wang**
Tamkang University, Taiwan

12:15 – 12:45 **Ramesh C. Pandey**
Founder & Chairman at GDP Ayurvedic University, USA

Scientific Sessions

12:45 – 13:10 **VOC-free dry-cleaning using water-in-CO₂ nanodispersions with pepsin**
Masanobu Sagisaka, Hirosaki University, Japan

Group Photo: 13:10-13:15

Lunch Break: 13:15 – 14:15

14:15 – 14:40 **Morphology control for nanophase separation structures in functional layers and application to electronic devices**

Takehito Kato, National Institute of Technology, Japan

14:40 – 15:05 **Room Temperature Magnetic Sensors for Biomagnetic Sensing**

Dongfeng He, National Institute for Materials Science, Japan

15:05 – 15:30 **Superhydrophobic Silicone Rubber Fabricated by ArF Excimer Laser for use in water**

Masayuki Okoshi, National Defense Academy, Japan

15:30 – 15:55 **Ultrasensitive biomarker detection by immune complex transfer enzyme immunoassay**

Watanabe Toshihiro, Sysmex Corporation Clinical Innovation, Japan

Refreshments Break 15:55-16:10

16:10 – 16:35 **A novel artificial phage for rapid diagnosis of live mycobacteria and testing the drug susceptibility of mycobacteria**

Tianyu Zhang, Guangzhou Institutes of Biomedicine and Health (GIBH), China

16:35 – 17:00 **Effects of mutations in porcine miRNA-215 precursor sequences on miRNA-215 regulatory function**

Li Sun, Yangzhou University, China

17:00 – 17:30 **Nature-Mimetic Smart Alternating Peptides: The Next Generation Material for Bioglue**

Abu Bin Ihsan, Toyama Prefectural University, Japan

Panel Discussion

Day 2

April 26, 2019

Scientific Sessions

- 10:30 – 10:55** **Global mapping of H3K4me3 and transcriptome analysis reveals genes involved in response to epidemic diarrhea virus infections in pigs**
Qiufang Zong, Yangzhou University, china
- 10:55 – 11:20** **Development of A Divergent Synthetic Approach toward Sulfonium Type α -Glucosidase Inhibitors Isolated from Genus Salacia**
Weijia Xie, China Pharmaceutical University, Nanjing, China

Refreshments Break: 11:20 – 11:35

- 11:35 – 12:00** **Metabolic Inhibition of *Leptospira interrogans* through Pseudopeptides: A Novel Therapeutic Alternative in Treatment of Leptospirosis**
Chandan, JSS Academy of Higher Education & Research, India

12:00 – 12:45

Poster Presentations

Closing Ceremony & Awards Presentation

Lunch: 13:00 – 14:00