10th Edition of International Conference on

Biopolymers & Bioplastics



May 29-30, 2019

Singapore

EuroSciCon

Agenda Day 1: May 29, 2019

Seletar Room 1

09:00-09:30 Registrations

09:30 -10:00 Opening Ceremony

Keynote Forum

10:00-10:40 Title: Biocompatible and biodegradable PLA-copolymers biosynthesized by microbial platform from renewable feedstock

Seiichi Taguchi, Tokyo University of Agriculture, Japan

10:40-11:20 Title: Preparation of poly(N-2,3-dihydroxypropyl aspartamide) (PDHPA) and the crosslinked hydrogel for various functional applications

Ji Heung Kim, Sungkyunkwan University, Korea

Networking and Refreshments 11:20-11:35 @ Seletar Foyer

Session Introduction

Sessions: Materialize Biopolymers | Biopolymers and its green synthesized products | Tissue based research on Biopolymers | Biodegradable Polymers | Biobased Thermosetting Polymers Polymer Science Engineering | Advanced Materials Science | Public solution and waste management

Session Chair: Seiichi Taguchi, Tokyo University of Agriculture, Japan

Session Chair: Ji Heung Kim, Sungkyunkwan University, Korea

11:35-12:05 Title: Properties of polyurethane using nanocellulose dispersed in isosorbide

Gwangseok Song, Samyang Corp, South Korea

12:05-12:35 Title: Hydrogel-based conducting polymer electrode systems for effective stimulation of cells and tissues

Matsuhiko Nishizawa, Graduate School of Engineering, Tohoku University, Japan

Group Photo 12:35-12:40

Lunch Break 12:40-13:40 @ Seletar Foyer

Sessions

Sessions: Waste management and reuse processes | Gifts from Biopolymers and Bioplastics to natural science | Usefulness of Microbial cellulose and bio-fibers

13:40 -14:10 Title: A heterogeneous catalyst of metal-organic framework applied for bio-polymer synthesis

Somboon Chaemchuen, Wuhan University of Technology, Wuhan, P.R. China

14:10-14:35	**Title: Green nanoparticles for photocatalytic purification of water** **Dr. Pratibha S. Agrawal,** Laxminarayan Institute of Technology, Nagpur, Maharashtra, India
14:35-15:00	**Title: Plants as bioreactors for the synthesis of metal nanoparticle** **Surekha A Kalkar,** Institute of Science, Nagpur, Maharashtra, India
15:00-15:25	**Title: Green synthesis of silver nanocomposite through chemical route for gas sensing** **Shilpa A Pande,** Laxminarayan Institute of Technology,RTMNU, Nagpur, India
15:25-15:50	**Title: Gifts from biopolymer and bioplastic to natural science** **Asmita Anil Hiralkar,** Shri Gajanan Maharaj Jr. College of Science, Shegaon, India

Networking and Refreshments: 15:50-16:05 @ BAR TERRAZA

16:05-16:30	**Title: A review on biodiesel and bio derived polymer production from algae: An alternative renewable source** **Preeti Zadeb,** Terna Engineering College, Navi Mumbai, Maharashtra, India
16:30-16:55	**Title: Ecological modeling – in environmental research** **Anchal R Poddar,** Associate Software Engineer, Accenture, Pune, Maharashtra, India
16:55-17:20	**Title: Advanced oxidative degradation of indigo caramine** **Samiksha Mahakulkar,** Laxminarayan institute of technology, R.T.M.Nagpur University, Nagpur
17:20-17:45	**Title: Growth and charecterization of ferroelectric a strategic material for commercialization and usage** **P D Durugkar, S.F.S.College,** Seminary Hills, Nagpur-440006, Maharastra state, India

Panel Discussion

Agenda Day 2: May 30, 2019

Poster Presentations 11:00- 12:00 @ Foyer

Poster Judge : Seiichi Taguchi, Tokyo University of Agriculture, Japan

Extended Networking and Lunch 12:30-13:30 @ Seletar Foyer

Awards & Closing Ceremony