

8th World Congress on

Biopolymers & Bioplastics

June 28-29, 2018 | Berlin, Germany



UK: Conference Series Ilc LTD

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<https://biopolymers.conferenceseries.com/>

Meeting Room- Sylt 3

conference**series**.com 10:00-10:30

Opening Ceremony

Keynote Forum

10:30-10:35 Introduction

10:35-11:10 Title: **Challenges with Biopolymers.**

Geoffrey Mitchell, Centre for Rapid and Sustainable Product Development, Portugal

Networking and Refreshments Break 11:10-11:30 @ Sylt Foyer

11:30-12:05 Title: **Gum polysaccharides as biopolymers – structure, properties and applications**

Marceliano B. Nieto, TIC Gums, USA

Sessions: **Natural Polymers | Advanced Biopolymers | Green Composites in Biopolymers | Biopolymers for Tissue Engineering and Regenerative Medicine**

Session Chair: **Geoffrey Mitchell**, Centre for Rapid and Sustainable Product Development, Portugal

12:05-12:30 Title: **S-layer proteins and bacteriocins in probiotics as living drugs – impact on microbiota**

Blazenka Kos, University of Zagreb, Croatia

12:30-12:55 Title: **Super-anisotropic hydrogels of cyanobacterial megamolecules**

Maiko Okajima, Japan Advanced Institute of Science and Technology, Nomi, Japan

Group photo

Lunch Break 13:00-13:45 @ Restaurant Rienacker

13:45-14:10 Title: **Biocomposites based on PHBs and natural fibers for commodity applications in different environments: processing, performance in soil, compost and sea water.**

Maurizia Seggiani, University of Pisa, Italy

14:10-14:35 Title: **Generation and evaluation in vitro of PLA scaffolds with starch, surface modified with RGD for bone regeneration**

Mariana Gutiérrez Sánchez, IPICYT, Mexico

Sessions: **Advanced Biopolymers | Biopolymer Applications | Biopolymers as Materials**

Session Chair: **Marceliano B. Nieto**, TIC Gums, USA

14:35-15:00 Title: **Synthesis of novel UV absorbers bisindolylmethanes and investigation of their applications on cotton-based textile materials**

Hikmet Nil Bayrak, Sanko Holding ISKO Division, Turkey

15:00-15:20 YRF: **Development of novel bio-based epoxy resins: Study of the curing reaction between epoxidized plant oil and different hardeners**

Andrea Anusic, Montanuniversität, Austria

15:20-15:40 YRF: **Preparation and physical properties of nano-cerium ion doped carboxymethyl cellulose/alginate composite films**

Nilay Kahya, Istanbul Technical University, Turkey

15:40-16:00 YRF: **Bio-based thermosetting epoxy foam: Tannic acid valorization toward dye-decontaminating and thermo-protecting applications**

Naser Esmaeili, Fraunhofer Institute for Applied Polymer Research, Germany

Networking and Refreshments Break 16:00-16:15 @ Sylt Foyer

Panel Discussion

Day 2 June 29, 2018

Meeting Room- Sylt 3

Keynote Forum

10:00-10:05 Introduction

10:05-10:40 Title: Ultrahigh performance transparent plastics derived from microbial amino acids
Tatsuo Kaneko, Japan Advanced Institute of Science and Technology, Japan

Networking and Refreshments Break 10:40-10:55 @ Sylt Foyer

10:55-11:30 Title: Biopolyesters and bio based additives based blends and composites for application in packaging and agriculture.
Patrizia Cinelli, University of Pisa, Italy

Sessions: Biopolymers for Tissue Engineering and Regenerative Medicine | Biodegradable polymers | Biopolymers in Biomedical Applications | Green Composites in Biopolymers

Session Chair: Tatsuo Kaneko, Japan Advanced Institute of Science and Technology, Japan

Session Introduction

11:30-11:55 Title: Development, investigation and application of composite chitosan-based matrices for tissue engineering
Elena Ivankova, Peter the Great St.Petersburg Polytechnic University, Russia

11:55-12:20 Title: Modification of lignin-based blended with pbs/kenaf core fiber for biocomposites material
Harmaen Ahmad Saffian, Universiti Putra Malaysia, Malaysia

12:20-12:45 Title: Biodegradable synthetic polymers and their application in advance drug delivery systems (DDS)
Ivana Soljic Jerbic, Pliva Croatia Ltd.,CROATIA

Lunch Break 12:45-13:30 @ Restaurant Rienacker

13:30-13:55 Title: Eco bio composites produced by a novel manufacturing method
Hojjat Mahi Hassanabadi, Centre de recherche industrielle du Québec, Canada

13:55-14:20 Title: Fabrication of reduced graphene oxide-based conductive film for controlled drug delivery applications
Didem Aycan, Marmara Üniversitesi, Turkey

Sessions: Biopolymers in Biomedical Applications | Biopolymers in Biofibers & Microbial Cellulose | Biopolymers as Materials

Session Chair: Patrizia Cinelli, University of Pisa, Italy

Session Introduction

14:20- 14:45 Title: Design of Drug Delivery Systems (DDS) made from biopolymers to control the porosity and obtain the desired release kinetics
Joana Curto, University of Beira Interior, Portugal

14:45-15:10 Title: Gelatin-based electro-responsive hydrogel for biomedical applications
Neslihan Alemdar, Marmara Üniversitesi, Turkey

15:10-15:30 YRF: Natural tannins: potential applications in plastics
JingJing LIAO, Universite de Lorraine, France

15:30-15:50 YRF: Two different routes for the preparation of bacterial cellulose/chitosan filtration membranes for copper removal in wastewaters
Leire Urbina, University of the Basque Country, Spain

Networking and Refreshments Break 15:50-16:05 @ Sylt Foyer

Poster Judge: Patrizia Cinelli, University of Pisa, Italy

Poster Session 16:05-16:45 onwards @ Sylt Foyer

- BPC-01** **Title: Biodegradable films from renewable resources**
Rodolfo Rendon, National Polytechnic Institute, Mexico
- BPC-02** **Title: The role of S-layer proteins as one of the most abundant biopolymers on Earth in probiotic properties of bacterial strain Lactobacillus brevis SF9B**
Katarina Zoric, University of Zagreb, Croatia
- BPC-03** **Title: Poly(ω -pentadecalactone)-b-poly(peptide) block copolymers for biomedical applications**
Ernesto Tinajero-Díaz, Universitat Politècnica de Catalunya, Spain
- BPC-04** **Title: Chemical modification of cellulose nanofibers from argentine cane tacuara (*Guadua angustifolia kunth*)**
Nancy Lis Garcia, CONICET-Universidad de Buenos Aires, Argentina
- BPC-05** **Title: Electrospun mat swelling: An ally to improve membrane rejection ratio**
Nancy Lis Garcia, CONICET-Universidad de Buenos Aires, Argentina
- BPC-06** **Title: Using of microbial cellulose as a biopolymer for photocatalytic degradation of toluene vapors**
Morteza Seifymejdar, Tehran University of Medical Sciences, Iran
- BPC-07** **Title: Composites based on PHA and natural Fibres from agricultural waste for different application**
Norma Mallegni, University of Pisa, Italy
- BPC-08** **Title: Degradation of biopolymer ecovioc2203 by using the landfill operation in the clay soil**
Shatha K Abdulatif, University of Baghdad, Iraq
- BPC-09** **Title: Co-precipitation of curcumin with PLLA by a supercritical antisolvent process**
Adrian Rojas, University of Santiago, Chile

Award Function & Closing Ceremony



Bookmark your dates

9th World Congress on

Biopolymers & Bioplastics

August 26-27, 2019 London, UK

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