EuroSciCon

10th Edition of International Conference on

Biopolymers & Bioplastics

March 23-24

London, UK

2020



Biopolymers 2020

https://biopolymers-bioplastics.euroscicon.com

Day 1, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Modified Natural Polymers**	Talks On: **Biopolymer Composite**	Talks On: **Bacterial Derived Biopolymers**
	Talks On: **Biodegradability & Compostability**	Talks On: **Bio-based Polymers**	Talks On: **Cellulose**
	SESSION DISCUSSION	SESSION DISCUSSION	SESSION DISCUSSION
02:00 PM	Panel Over: **Nano Technologies for Biopolymers & Bioplastics**	Panel Over: **Polyhydroxyalkanoates (PHAs)**	Panel Over: **Starch-based & Polylactic acid (PLA)**
	Workshop On: **Biobased Re-Invention of Plastics**	Workshop On: **Polycyclic aromatic hydrocarbons (PAHs)**	Workshop On: **Polychlorinated biphenyls (PCBs)**
	Lunch Break @ Restaurant	*Lunch Break @ Restaurant*	*Lunch Break @ Restaurant*
04:00 PM	Talks On: **Degradable Plastics**	Talks On: **Packaging**	Talks On: **Polymer Chemistry**
	Lectures on: **Polymerization**	Lectures on: **Polymer Synthesis**	Lectures on: **Polymer Design and Reactions**
06:00 PM	Session On: **Applications of Biopolymers & Bioplastics**	Session On: **Automotive**	Session On: **Electronics**
	NETWORKING	NETWORKING	NETWORKING

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Day 2, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Biopolymers from Natural Source**	Talks On: **Nuclear Decommissioning**	Talks On: **Cosmetics and Textile, Construction**
	Talks On: **Biochemistry**	Talks On: **Biomedical, Medicine and medical waste**	Talks On: **Nanotechnology turns plants into common plastic**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Bioplastics from Natural Source**	Panel Over: **Opportunities, challenges and strategies**	Panel Over: **Sources and preparation of biopolymers**
	Workshop On: **NanoScience for Biopolymers & Bioplastics**	Workshop On: **Fourier Transform Infrared Spectroscopy (Ftir)**	Workshop On: **Structure of biopolymers**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Bio Based Chemistry**	Talks On: **Synthesis Of Nanomaterials**	Talks On: **Advances in Bio Based Polymers**
	Lectures on: **Thermal depolymerization**	Lectures on: **Alternatives To Recycling**	Lectures on: **Green Chemistry**
06:00 PM	Session On: **Chemical recycling using Dry –Heat Depolymerization**	Session On: **Consumer Recycling**	Session On: **The risk of plastics entry into nature**
	NETWORKING	**NETWORKING**	**NETWORKING**

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Plan a Trip to UK: London Destination of Biopolymers 2020

London city is the largest city in England which is also called as largest capital city of England and the United kingdom, and it has the largest municipal population in the Europe union standing on the river Thames in the south - east of England ,at the head of its 50-miles (80 km) estuary leading to the North sea ,London has been considered a major settlement for two millennia.

London is consider to be one of the world's most important global cities and also has been termed the world's most powerful, most popular for work, most desirable, most influential, innovative ,sustainable, most investment friendly, and the most visited most vegetarian –friendly most expensive city in the World Hematology Supporting London exerts a considerable impact upon the arts, commerce, education, entertainment, healthcare, media, finance, fashion, professional services, research and development, tourism and transportation. London rank 26 out of 300 major cities for economics performance

Londinium was founded by the Romans. The City of London ,that is London ancient core-retains boundaries that follow closely its medieval limits .And The city of Westminster is also an inner London territorial division holding city status .the greatest city London is administered by the Mayor of London and the London assembly .

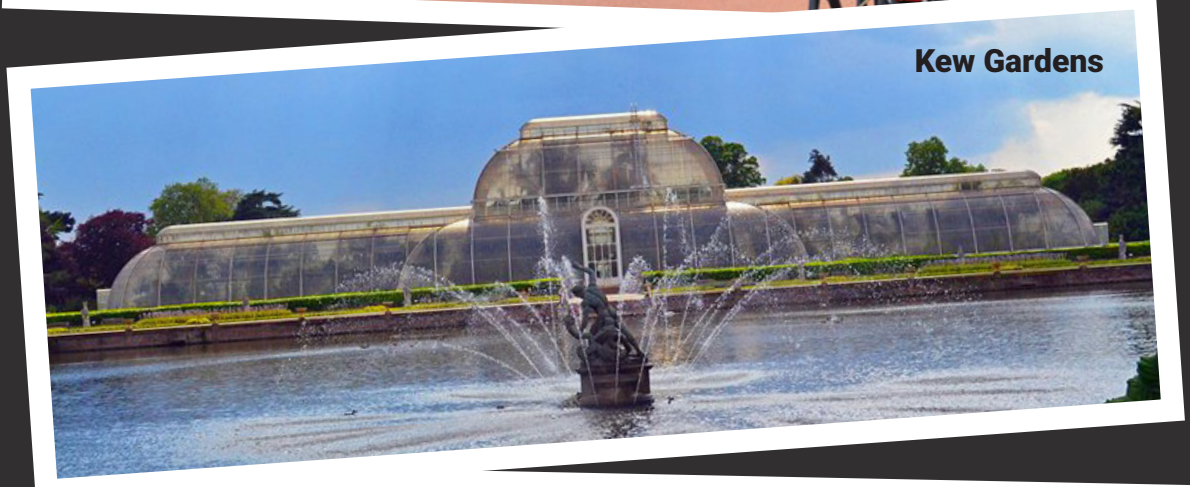
Where London contain four most world heritage sites : Tower of London; Kew Gardens ;The site comprising the place of Westminster ,Westminster Abbey, St Margaret's church.

Biopolymers 2020

Tourist Attractions - London, UK









Tourist Attractions - London, UK



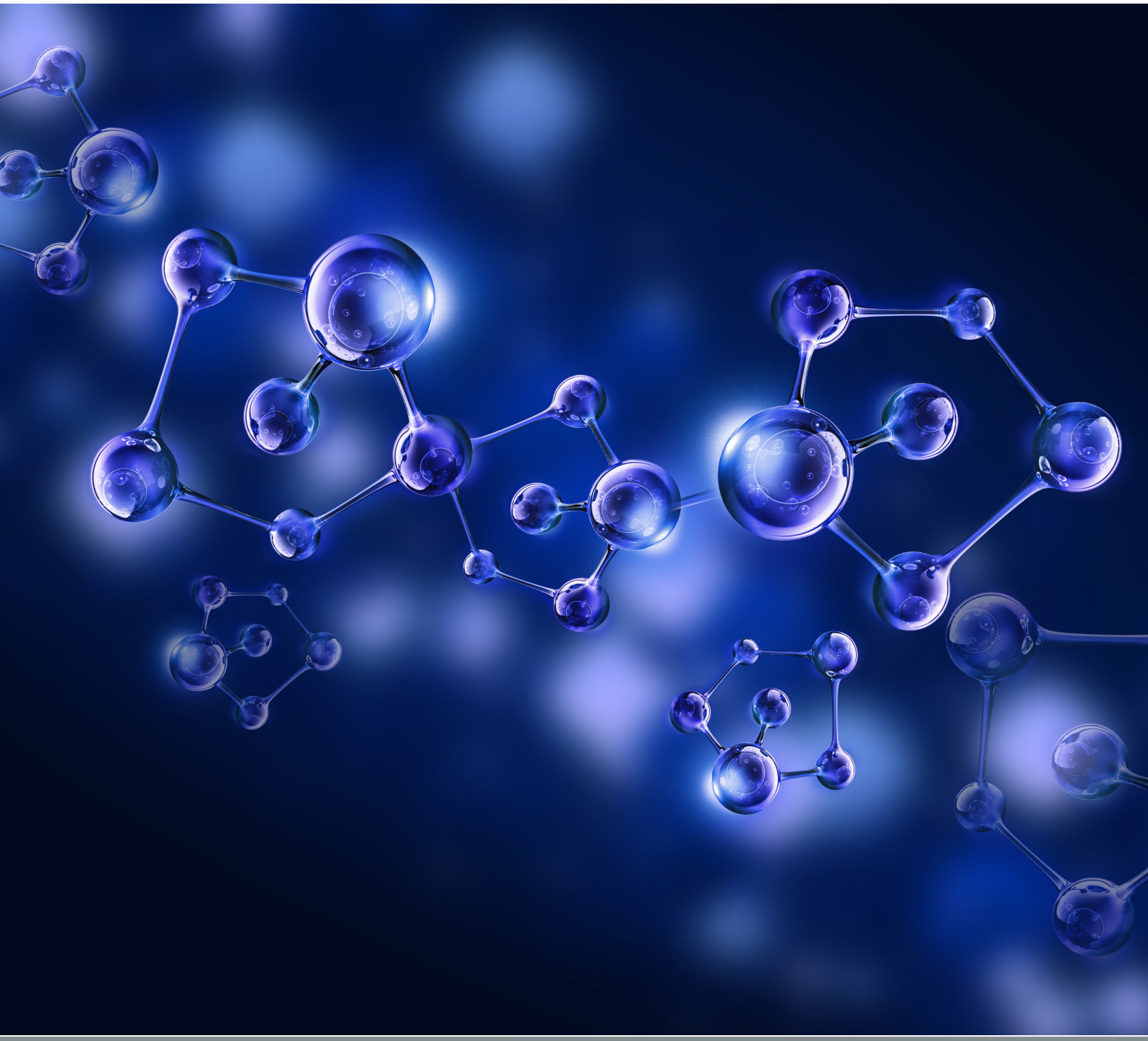






4th Edition of International Conference on

POLYMER SCIENCE AND TECHNOLOGY



June 04-05, 2018
London, UK

EuroSciCon

https://polymerscience.euroscicon.com/

Polymer Congress 2018

Agenda Day 1: June 04, 2018

Meeting Hall - Bleriot 1

08:00-09:00 Registrations

09:00-09:20 Opening Ceremony

09:20-09:30 Introduction

Keynote Forum

09:30-10:10 **Title: The effect of an acrylic polymer wax control additive as a cold flow solution for wax challenges**

Jessica Gould, Croda Europe LTD, UK

10:10-10:50 **Title: Ultrahigh-temperature phthalonitrile nanocomposites with functionalized silicon-based nanoparticles: Structure, dynamics and properties**

Vladimir A Bershtein, Ioffe Institute, Russia

Networking & Refreshment Break 10:50-11:05 @ Breakout Area

Sessions: Polymer Science-The Next Generation | Polymers And The Future Of Industries | Polymer Material Science And Engineering | Polymer Nanotechnology | Polymer Chemistry | Composite Polymeric Materials

Session Chair: Lianbin Zhang, Huazhong University of Science and Technology, China

Session Co-Chair: Szczepan Zapotoczny, Jagiellonian University, Poland

Session Introduction

11:05-11:30 **Title: OEGylated dendronized polymers for stimuli-responsive materials**

Afang Zhang, Shanghai University, China

11:30-11:55 **Title: Characterization of poly(lactic acid) foams produced by extrusion with different chemical blowing agents**

Akos Kmetty, Budapest University, Hungary

11:55-12:20 **Title: Deposition and control of polymer dielectrics for OTFTs**

Hazel Assender, University of Oxford, UK

12:20-12:45 **Title: Evaporative structuring of solutions of active blends for molecular electronics applications**

Jasper Michels, Max Planck Institute for Polymer Research, Germany

Group Photo & Lunch Break 12:45-13:35 @ RBG

13:35- 14:00 **Title: Assembly of block copolymers in 3D confined geometries**

Jintao Zhu, Huahzong University of Science & Technology, China

14:00-14:25 **Title: Promising tailor made nanocapsules based on biopolymer for antibiotic therapy**

Sabrina Belbekhouche, University of Paris, France

14:25-14:50 **Title: Suface-grafted polymer brushes with ladder-like architecture**

Szczepan Zapotoczny, Jagiellonian University, Poland

14:50-15:15 Title: Acrylic acid grafted biopolymer chitosan/TiO_2 based nanocomposite for application in solar light induced photocatalytic degradation

Dhiraj Sud, Sant Longowal Institute of Engineering and Technology, India

15:15-15:40 Title: Incremental sheet forming for manufacturing customized UHMWPE cranial implants

Isabel Bagudanch, **Ines Ferrer, Maria Lusia**, University of Girona, Spain

15:40-16:05 Title: Combined/copolycondensation: sustainable methods for biobased polymers

Rosica Mincheva, University of Mons, Belgium

Networking & Refreshment Break 16:05-16:20 @ Breakout Area

16:20- 16:40 Title: Introduction of WATIFY- - The technological transformation

Shirley Vollenberg, EU projects, Netherland

16:40-17:05 Title: Dynamic polymer networks based on reversible aromatic disulfide bond: From self-healing to processability, recyclability and more

Alaitz Rekondo, CIDETEC Foundation, Spain

17:05- 17:30 Title: Semi interpenetrating networks of chitosan /acrylic acid / thiourea for sequestering cadmium from aqueous solution

Kamlesh Kumari, Sant Longowal Institute of Engineering and Technology, India

Agenda Day 2 June 05, 2018

Meeting Hall - Bleriot 1

09:00-09:30 Registrations

Keynote Forum

09:30-10:10 Title: Phenomenological review of LCP/PET droplet fibrillation by repeated extrusion for nanofiber formation

Han-Yong Jeon, INHA University, South Korea

Session Introduction

Sessions: Polymer Physics | Role Of Polymers In Biology And Biological Systems | Applications Of Polymers | Advanced Polymer Structures | Polymers In Wastes And Their Environmental Impact

Session Chair: Afang Zhang, Shanghai University, China

Session Co-Chair: Hazel Assender, University of Oxford, UK

10:10-10:35 Title: Polymeric photothermal membranes for interfacial solar heating

Lianbin Zhang, Huazhong University of Science and Technology, China

10:35-11:00 Title: Bismuth additives for silicon oils as a “green” alternative

Andres Eduardo Ciolino, PLAPIQUI-CONICET UNS, Argentina

Networking & Refreshment Break 11:00-11:15 @ Breakout Area

11:15-11:40 Title: Exploration of the metal-organic framework/polymer interface in mixed matrix membranes

Sergio Tavares, Université de Montpellier, France

11:40-12:05 Title: Near-surface crystallization in polyesters

Hazel Assender, University of Oxford, UK

12:05-12:30	**Title: Precisely tuning helical twisting power via photoisomerization kinetics of dopants in chiral nematic liquid crystals** **Yonggui Liao**, Huazhong University of Science and Technology, China

YRF SESSION @ Bleriot 1

12:30-12:50	**Title: Finite element material model for the prediction of the thermal conductivity of highly filled polymers** **Jochen Gaiser**, University of Applied Sciences Karlsruhe, Germany

Lunch Break 12:50-13:40 @ RBG

13:40-14:00	**Title: Superhydrophobic coatings from water-based beeswax emulsions** **Sara Naderizadeh**, Italian Institute of Technology , Italy
14:00-14:20	**Title: Investigation of biocompatible Thiol/Yne formulations for 3D printing of medical scaffolds** **Daniel Hennen**, Montan university Leoben, Austria
14:20-14:40	**Title: Study of coumarin incorporation in therapeutic polymers** **M. José Carrero**, University of Castilla-La Mancha, Spain
14:40-15:00	**Title: Poly(phenylene methylene): A thermally stable, processable hydrocarbon polymer with unexpected photoluminescence** **Andreas Braendle**, ETH Zurich, Switzerland
15:00- 15:20	**Title: Novel approaches to analyze interior lamellae and assembly in spherulitic morphology of poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) crystallized with poly(vinyl methyl ether)** **Chung-Hao Chen**, National Cheng Kung University, Taiwan
15:20- 15:40	**Title: Synthesis and morphological insights into novel, stable and biocompatible smart hydrogels with prospective wound healing properties** **Deepa Suhag**, Amity University, India

15:40-16:40 Poster Presentaions @ Foyer

Poster Judges : Jintao Zhu, Huahzong University of Science & Technology, China
Han-Yong Jeon, INHA University, South Korea

PC 1	**Title: Determination of semicarbazide in fish by molecularly imprinted stir bar sorptive extraction coupled with high performance liquid chromatography** **Qin Hu**, Nanjing Medical University, China
PC 2	**Title: A single dual emissive nanoprobe for quantification of spontaneous glucose in human serum** **Shuhu Du**, Nanjing Medical University, China
PC 3	**Title: DNA-Silver nanoclusters molecular beacons as a novel nanoprobe for sensitive and label-free fluorescent detection of transcription factors** **Xuemin Zhou**, Nanjing Medical University, China
PC 4	**Title: Synthesis and characterization of polypyrrole nanoparticles** **Monika Paúrová**, Institute of Macromolecular Chemistry of the Academy of Science, Czech Republic
PC 5	**Title: Characterization of composite films prepared by in-situ polymerization of styrene/butyl acrylate in nanoporous cellulose gels** **Dae Su Kim**, Chungbuk National University, Korea
PC 6	**Title: Effect of interface interaction on the mechanical properties of the graphene reinforced nanocomposites** **Ommeaymen Sheikhnejad**, Johannes Kepler University Linz, Austria

PC 7

Title: Preparation of bio-compatible and UV-curable elastic materials with HEMA as a diluent

Ji eun jang, KITECH, the Republic of KOREA

PC 8

Title: The properties of superabsorbent polymers synthesized with acrylate based crosslinking agents

Yoo jin kim, KITECH, the Republic of KOREA

PC 9

Title: Silica dispersion in the Si-SBR composites: Synthesis of poly(glycidyl methacrylate-co-styrene) as a reactive dispersant by emulsion copolymerization.

Haechan Kim, KITECH, the Republic of KOREA

PC 10

Title: A comparative study on the dispersion effects of various dispersantsin modified Si-SBR composites

Min Seong Kim, KITECH, the Republic of KOREA

PC 11

Title: Post-treatment process to enhance the performances of super absorbent polymers

Seok Ju Hong, KITECH, the Republic of KOREA

PC 12

Title: Improved permeability and absorption of superabsorbent polymers by using ethylene glycol diglycidyl ether as a surface cross-linking agent.

Wooseung Shin, KITECH, the Republic of KOREA

PC 13

Title: The silica dispersing effects of silica-SBR composites with dispersing agent : poly(styrene-allyl alcohol) and poly(-styrene-methyl methacrylate)

Byeongkwan Kang, KITECH, the Republic of KOREA

PC 14

Title: Investigation on the mechanical, barrier and degradation properties of polyglycolic acid synthesized via ring-opening polymerization

Bowen Tan, Pujing Chemical Industry, UK

Panel Discussion

Awards & Closing Ceremony