

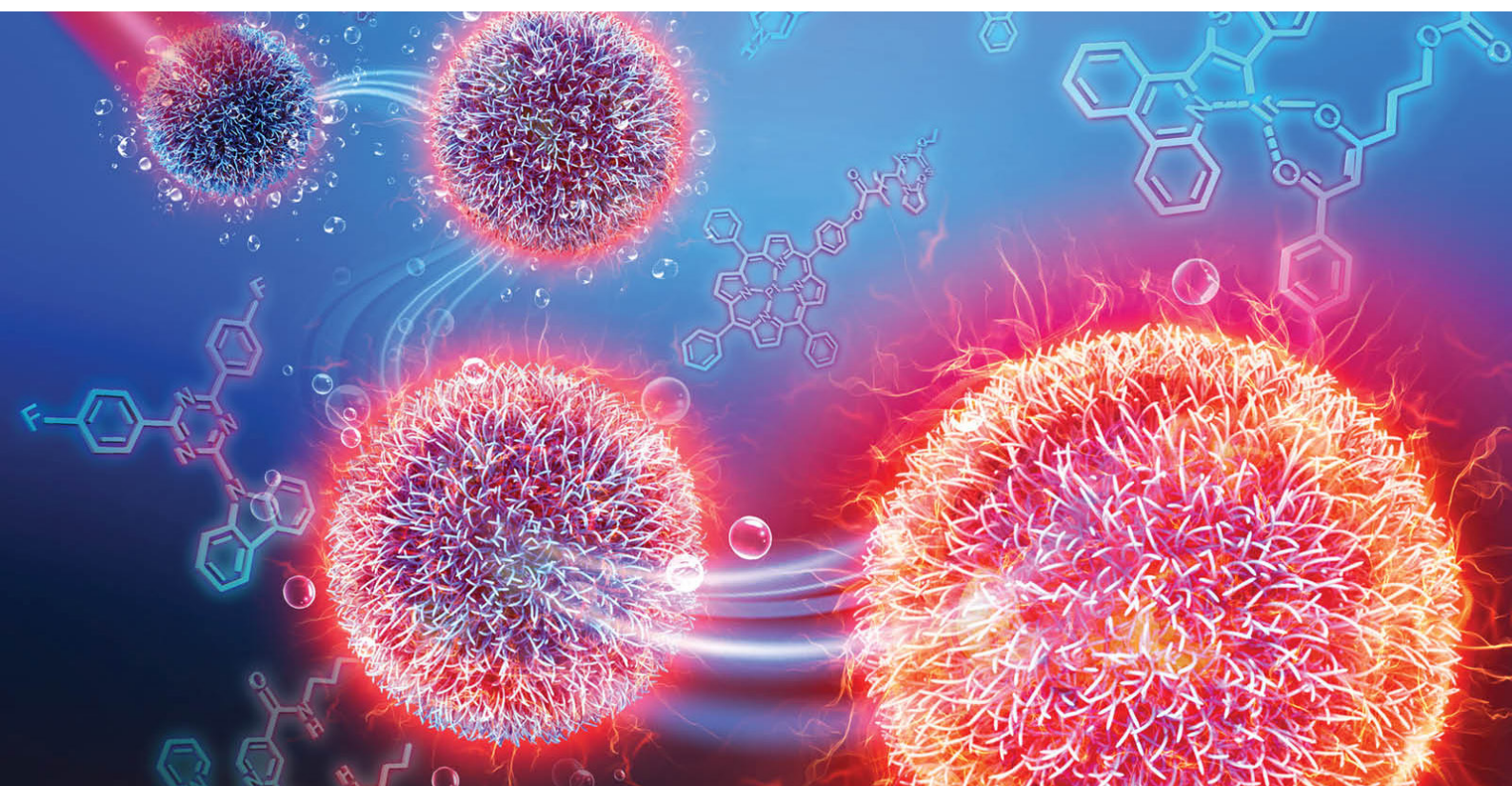


Final Program

# BIOMATFORUM2023

International Forum on Biomaterials

February 06, 2023



Virtual

biomatforum2023@continuumforums.com  
<https://www.continuumforums.com/2023/biomatforum>

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Virtual Presentations

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London Time Zone (GMT+1)

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08:20 - 09:00	P	Title: Role of Interfacial Water in Determining the Interactions of Proteins and Cells with Hydrated Materials <b>Masaru Tanaka</b> , Kyushu University, Japan
09:00 - 09:40	P	Title: Human Body Fluid-assisted Fracture of Biodegradable Alloys for Temporary Implant Applications <b>Raman Singh</b> , Monash University, Australia
09:40 - 10:20	P	Title: International Forum on Biomaterials <b>Jinlian Hu</b> , City University of Hong Kong, Hong Kong
10:20 - 10:50	K	Title: Research Platform for Evaluation and Development of Antibacterial, Antiviral and Anti-biofilm materials and GEAR 5.0 Research Project by NIT (KOSEN) Japan for Social Implementation <b>Hideyuki Kanematsu</b> , National Institute of Technology(KOSEN), Suzuka College, Japan
10:50 - 11:15	I	Title: Utilization of Coccolithophorores, the Global Ocean Calcifying Algae, for Bioenergy Production and CO <sub>2</sub> Capture/Storage <b>Hirotoishi Endo</b> , National Institute of Technology, Japan
11:15 - 11:55	P	Title: Broad-Spectrum Self-Disinfecting Antimicrobial Polymer Surfaces <b>Richard J. Spontak</b> , North Carolina State University, USA
11:55 - 12:35	P	Title: Cell and Tissue Material Interfaces <b>Habil. J. Barbara Nebe</b> , University of Rostock, Germany
12:35 - 13:00	I	Title: Engineering Biomimetic gelatin-PEG-chitosan Hybrid Hydrogel for Cartilage Tissue Engineering <b>Kamol Dey</b> , University of Chittagong, Bangladesh
13:00 - 13:40	P	Title: Graphene and Graphene based Nanocomposite for Drugs Delivery and Medical Devices <b>Alexander M. Seifalian</b> , Nanotechnology and Regenerative Medicine Commercialisation Centre, United Kingdom

<b>13:40 - 14:05</b>	<b>I</b>	Title: Inside the Carbon Dots Structures: A Comprehensive Investigation  <b>Alberto Tagliaferro</b> , INSTM, Italy
<b>14:05 - 14:30</b>	<b>I</b>	Title: Magnetic Nanoparticle based Hyperthermia for Cancer Therapy: Progress and Challenges in Translating the Physic of the Particles to the Tumoral Biology  <b>Lilianne Beola Guibert</b> , Istituto Italiano di Tecnologia, Italy
<b>14:30 - 14:55</b>	<b>I</b>	Title: From Tissue Engineering to Cybernetics  <b>Alireza Dolatshahi-Pirouz</b> , Technical University of Denmark, Denmark
<b>14:55 - 15:20</b>	<b>I</b>	Title: Functionalised Scaffolds by Fused Deposition Modelling for Bone Tissue Engineering Applications  <b>Ilenia Cacciotti</b> , University of Niccolo Cusano, Italy
<b>15:20 - 16:00</b>	<b>P</b>	Title: Is Anything Innovative Really Happening in Biomaterials Research Today ? Or Is It Just More of the Same Old Stuff  <b>Thomas J Webster</b> , Interstellar Therapeutics, USA
<b>16:00 - 16:40</b>	<b>P</b>	Title: Versatile Carbon Dots as Nano-biomaterials in Modern Medicine  <b>Roger M. Leblanc</b> , University of Miami, USA
<b>16:40 - 17:20</b>	<b>P</b>	Title: Cellular Metals as a Solution for Structural Biomaterials  <b>Carlos Roberto Grandini</b> , Universidade Estadual Paulista, Brazil
<b>17:20 - 18:00</b>	<b>P</b>	Title: Mathematical Modeling Biodistribution of Nanomaterials in Core-Periphery Tumor Regions  <b>Paulo Cesar De Moraes</b> , Catholic University of Brasilia, Brazil
<b>18:00 - 18:30</b>	<b>K</b>	Title: In-process Monitoring and Operator feedback during the Additive Manufacturing of Ti-6Al-4V Components  <b>Denis Dowling</b> , University College Dublin, Ireland
<b>18:30 - 18:55</b>	<b>Po1</b>	Title: Assessment of Mycelial Growth Rate of Ganodermaresinaceum, Pleurotus Ostreatus and Trametes Versicolor on Different Lignocellulose Materials and Bio-Composite Formation  <b>Albert krastanov</b> , University of Food Technologies, Bulgaria

**Closing the Webinar**

**End of the Webinar**