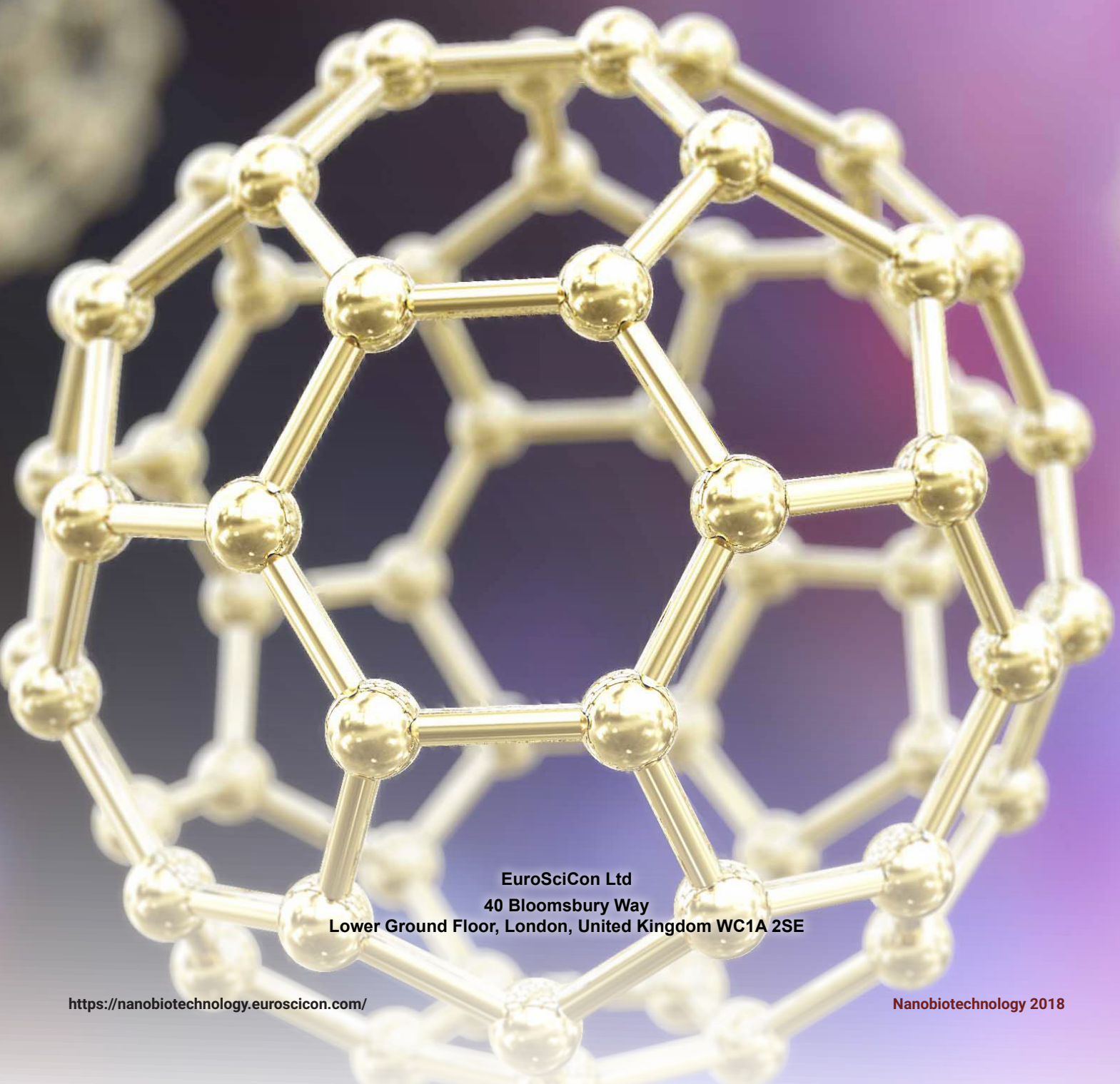
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Proceedings of

EuroSciCon Conference of

Nanotech & Nanobiotechnology

July 12-13, 2018 | Paris, France



EuroSciCon Ltd
40 Bloomsbury Way
Lower Ground Floor, London, United Kingdom WC1A 2SE

Agenda Day 1: July 12, 2018

Hall Name: Madrid+Lisbonne

08:30-09:00 Registrations

09:00-09:30 Opening Ceremony

Keynote Session

09:30-10:10 **Title: Nanobioconjugates crossing BBB for delivery of checkpoint inhibitors and activation of local brain tumor immune system for glioma treatment**

Julia Y. Ljubimova, Cedars-Sinai Medical Center, USA

10:10-10:50 **Title: Tumor-targeted nanotherapeutics**

Tamara Minko, Rutgers University, USA

Group Photo

Coffee Break: 10:50-11:15@ Le Foyer

11:15-11:55 **Title: Photonics for medical diagnostics: From the lab to the market**

Andreas Seifert, CIC Nanogune, Spain

Sessions

Nanobiotechnology | NanoMedicine | Nanopharmaceuticals | Nano-Chemistry | Nanodevices andNanosensors | Advancement in Nanotechnology

Session Chair: Andreas Seifert, CIC Nanogune, Spain

Session Co-Chair: Jinrich Kopecek, University of Utah, USA

11:55-12:25 **Title: Challenges and innovation in next generation nanoscience**

Jinrich Kopecek, University of Utah, USA

12:25-12:55 **Title: Structure and mechanism based design of nanoparticles as therapeutic candidates**

Chang-Guo Zhan, University of Kentucky, USA

Lunch Break: 12:55-13:45@ Food and More

13:45-14:15 **Title: Nanocarriers for nose-to-brain, non-invasive delivery of gene therapy**

Juan-Sanchez Ramos, University of South Florida, USA

14:15-14:45 **Title: Direct measurement of the local temperature increment for individual live cells**

Shengyong Xu, Peking University, China

14:45-15:15 **Title: Making the Hospital a Safer Place by the Sonochemical Coating of all its Textiles and Medical Devices with Antibacterial Nanoparticles**

Aharon Gedanken, Bar-Ilan University, Israel

15:15-15:45 **Title: Advances and challenges in pharmaceutical nanotechnology**

Abraham J. Domb, The Hebrew University of Jerusalem, Israel

Coffee Break: 15:45-16:10@ Le Foyer

16:10-16:40 **Title: Antibacterial activity of gold nanorods against *Staphylococcus aureus* and *Propionibacterium acnes*: misinterpretations and artifacts.**

Nouf Mahmoud, Al-Zaytoonah University of Jordan, Jordan

16:40-17:10 **Title: Synthesis of sub-10 nm ibuprofen drug molecular clusters via RESS processing**

Sudhir Sharma, New York University Abu Dhabi, UAE

17:10-17:40 **Question Time**

17:40-18:00 **Chairman's Summing up**

Panel Discussion

Agenda Day 2 July 13, 2018

Hall Name: **Madrid+Lisbonne**

09:00-09:30 **Registrations**

Keynote Session

09:30-10:10 **Title: Design and delivery of messenger RNA based-therapeutics**

Chantal Pichon, University of Orleans, France

10:10-10:50 **Title: Antigen-specific regulation of activated diabetogenic CD4+ and CD8+ T Cells by Tregs induced by tolerization with antigen-containing PLG nanoparticles**

Stephen D. Miller, Northwestern University, USA

Coffee Break: 10:50-11:15@ Le Foyer

Special Session

11:15-11:55 **Title: After the niche, preparing your R&D and nanotech business for the future!**

Aaron Claeys, Nanex Company, Belgium

Sessions

NanoMaterials | NanoRobotics | NanoElectronics | Cellular and subcellular Nanotechnology | Major Challenges in Nanobiotechnology

Session Chair: Chantal Pichon, University of Orleans, France

Session Co-Chair: Stephen D. Miller, Northwestern University, USA

Young Research Forum

11:55-12:15 **Title: Synthesis of thiolated, PEGylated and POZylated silica nanoparticles and evaluation of their retention on rat intestinal mucosa *in vitro***

Twana Mohammed M Ways, University of Reading, UK

12:15-12:35 **Title: Biophysical studies on the interaction of polymeric nanoparticles with the lung surfactant**

Weiam Daear, University of Calgary, Canada

12:35-12:55 **Title: Design and manufacturing of nanobiosensors suitable for protein detection**

Seyed Mohammad Mahdi Dadfar, Karlsruhe Institute of Technology, Germany

Lunch Break: 12:55-13:45@ Food and More

Poster Presentations 13:45-14:05@ Le Foyer

NT 01 **Title: Negatively charged mesoporous silica nanoparticles penetrate through the Zebrafish larval blood-brain barrier**

Chien-Tsu Chen, Taipei Medical University, Taiwan

NT 02 **Title: Leukocytes and drug-resistant cancer cells are targets for intracellular delivery by adenoviral dodecahedron**

Ewa Szolajska, Polish Academy of Sciences, Poland

NT 03 **Title: Phyto-mediated synthesis and photocatalytic activity of nanoparticles using aqueous extract of broccoli**

J Osuntokun, North-West University, South Africa

14:05-14:30 **Question Time**

14:30-15:00 **Closing Ceremony and Awards Function**

Networking and Coffee Break: 15:00@ Le Foyer



Mark your calender

19th EuroSciCon Conference on

Nanotechnology

October 04-06, 2018
Amsterdam, Netherlands

Email: nanotechnology@eurosciconevent.com

Website: https://nanotechnology.euroscicon.com/

2nd Edition of EuroSciCon Conference on

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