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Scientific Program

International Conference on

Nanomedicine and Nanotechnology

August 20-21, 2018 Rome, Italy



Nanomedicine 2018

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Scientific Program

Registrations
08:30-09:30

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Opening Ceremony
09:30-09:55

Day 1 August 20, 2018

Olimpica 3+4

Keynote Forum

09:55-10:00 **Introduction**

10:00-10:40
Title: Multimodal nanoparticles for medical applications
Michal M Godlewski, Warsaw University of Life Sciences, Poland

10:40-11:20
Title: Carbon-based nanomedicines as anticancer torjan horses
Hanene Ali-Boucetta, University of Birmingham, UK

Networking and Refreshments Break: 11:20-11:40 @ Foyer

11:40-12:20
Title: Nanotechnology may provide new hope for brain cancer therapy
Alain L Fymat, International Institute of Medicine & Science, USA

12:20-13:00
Title: Novel nanoparticulate protein therapy for salivary gland radio-protection to improve the quality of life of head & neck cancer patients: A BioMAT'X approach
Ziyad S Haidar, CIIB Universidad de los Andes Santiago, Chile

Group Photo

Lunch break: 13:00-14:00 @ Bell'Italia Restaurant

Sessions: Nanomaterials and Nanoparticles | Nanomedicine in Cancer Therapeutics | Nanoparticle Based Drug Delivery | Pharmaceutical Nanotechnology | Intelligent Biomaterials and Smart Implants

Chair: Michal M. Godlewski, Warsaw University of Life Sciences WULS-SGGW, Poland

Co-Chair: Ziyad S. Haidar, BioMAT'X, CIIB Universidad de los Andes Santiago, Chile

Session Introduction

14:00-14:30
Title: Nano- and micro sensors in determination of cardiovascular system lifespan
Febee R Y Louka, University of Louisiana at Lafayette, USA

14:30-15:00
Title: Development of novel nanosystems to mediate combined and multi-target antitumor therapeutic strategies
Henrique Faneca, University of Coimbra, Portugal

15:00-15:30
Title: New approaches for targeted cancer therapy: visible light-sensitive AgNP-s embedded in biopolymer nanostructures with anti-cancer potential for localized use perspectives
Ulviye Bunyatova, Baskent University, Turkey

15:30-16:00
Title: Tailored nanoparticles for pharmaceutical applications
Azita Haddadi, University of Saskatchewan, Canada

Networking and Refreshments Break: 16:00-16:20 @ Foyer

16:20-16:50	**Title: Core-shell solid lipid nanoparticles for the targeted delivery of paclitaxel: A proof-of-concept study in breast cancer cells** **Ziyad S Haidar,** CIIB Universidad de los Andes Santiago, Chile

Poster Presentations

ICNMT_01	**Title: Anti-Human CD59 conjugated gold nanoparticles for targeted induction of photo-hyperthermia *in vitro*** **Thomas Illingworth,** Leeds Beckett University, UK
ICNMT_02	**Title: Isolation of DNA using superparamagnetic iron oxide nanoparticles** **Fereshte Damavandi,** University of Alberta, Canada
ICNMT_03	**Title: Determination of infrared, raman, (1H and 13C)-NMR and density of state of nateglinide oral antidiabetic drug** **Mansur Sa'id,** Yusuf Maitama Sule University, Nigeria

B2B Meetings & Panel Discussions

Day 2 August 21, 2018

Olimpica 3+4

Keynote Forum

09:55-10:00	**Introduction**
10:00-10:40	**Title: Leukocyte and platelet-rich fibrin bioscaffolds incorporating human gingival mesenchymal stem cells for oro-dental and maxillo-facial surgery: Nanoparticle-assisted stem cell regenerative therapy** **Ziyad S Haidar,** CIIB Universidad de los Andes Santiago, Chile

Sessions: Nanomaterials and Nanoparticles | Nanomedicine in Cancer Therapeutics | Nanoparticle Based Drug Delivery | Pharmaceutical Nanotechnology | Impact of Nanomedicine on Health Care

Chair: Michal M. Godlewski, Warsaw University of Life Sciences WULS-SGGW, Poland

Co-Chair: Ziyad S. Haidar, BioMAT'X, CIIB Universidad de los Andes Santiago, Chile

Session Introduction

10:40-11:10	**Title: Natural, biological based nano carriers are preferential for drug delivery** **Kristine E Danielyan,** National Academy of Sciences of Armenia, Armenia

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

11:30-12:00	**Title: Label-free electrochemical immunosensor based on graphene nanocomposite for cancer diagnosis** **Mehdi Rahimi-Nasrabadi,** Baqiyatallah University of Medical Sciences, Iran

Young Scientist Fourm

12:00-12:25	**Title: Next generation nano enabled antibiotics** **Martin Quirke,** Dublin Institute of Technology, Ireland
12:25-12:50	**Title: Effect of silver doped nanostructured titanium dioxide (TiO2) on breast cancer epithelial cells** **Nefeli Lagopati,** National Technical University of Athens, Greece

Award and Closing Ceremony

Lunch break: 12:50-13:50 @ Bell'Italia Restaurant

B2B Meetings & Panel Discussions