

August  
20-21, 2018  
Rome, Italy

**Theme**

**“Nanomedicine: Energize the clinical  
research outcome”**

Hosting Organization: **Pulsus Group**  
40 Bloomsbury Way | Lower Ground Floor  
London, United Kingdom | WC1A 2SE  
[nanomedicine@cmesocietyconferences.com](mailto:nanomedicine@cmesocietyconferences.com)  
<http://nanomedicine-nanotechnology.pulsusconference.com/>

Nanomedicine 2018



## Day 1 : August 20, 2018

08:30-09:30 Registrations

Hall

09:30-09:55 **Opening Ceremony**

## Keynote Forum

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

**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**

10:00-10:40

**Ziyad S. Haidar**, CIIB Universidad de los Andes Santiago, Chile

10:40-11:20

**Title: Nanotechnology may provide new hope for brain cancer therapy**

**Alain L. Fymat**, International Institute of Medicine & Science, USA

## Refreshments and Networking Break 11:20-11:40

11:40-12:20

**Title: Development of novel nanosystems to mediate combined and multi-target antitumor therapeutic strategies**

**Henrique Faneca**, University of Coimbra, Portugal

Session Introduction

Nanomaterials and Nanoparticles | Nanomedicine in Cancer Therapeutics | Nanoparticle Based Drug Delivery

12:20-12:50

**Title: Nano- and micro sensors in determination of cardiovascular system lifespan**

**Febbe Louka**, University of Louisiana at Lafayette, USA

12:50-13:20

**Title: Natural, biological based nano carriers are preferential for drug delivery**

**Kristine Danielyan**, National Academy of Sciences of Armenia, Armenia

## Lunch Break 13:20-14:20

14:20-14:50

**Title: Nanoparticles as new tools for inhibition of cancer angiogenesis**

**Babak Negahdari**, TUMS, Iran

14:50-15:20

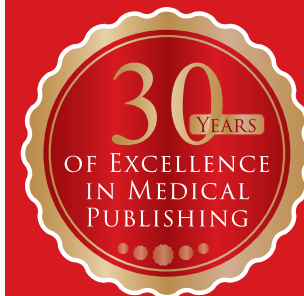
**Title: Core-shell solid lipid nanoparticles for the targeted delivery of paclitaxel: a proof-of-concept study in breast cancer cells**

**Ziyad S. Haidar**, CIIB Universidad de los Andes Santiago, Chile

15:20-15:50

**Title: Study of polypyrrole-coated electrospun polystyrene fibres by electrochemical oxidization**

**Muaathe A. Ibraheem**, University of Diyala, Iraq



Tentative Program

- 15:50-16:20** **Title: Dendrimer-functionalized LAPONITE® nanodisks loaded with gadolinium for T1-weighted MRI applications**  
**Rania Mustafa**, Sudan

Refreshments and Networking Break 16:20-16:40

B2B Meetings & Networking

Day 2: August 21, 2018

Hall

Keynote Forum

- 10:00-10:40** **Title: The power of nano in medicine**  
**Farid Mena**, Fluorotronics Inc., USA
- 10:40-11:20** **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

Refreshments and Networking Break 11:20-11:40

- 11:40-12:20** **Multimodal nanoparticles for medical applications**  
**Michal M. Godlewski**, Warsaw University of Life Sciences, Poland

Session Introduction

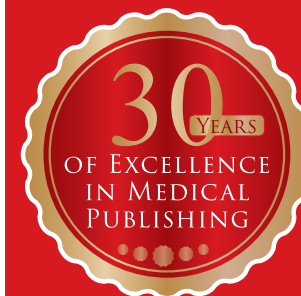
Impact of Nanomedicine on Health Care | Future Concepts in Nanomedicine | Nanomedicine in Cancer Therapeutics

- 12:20-12:50** **Title: Pathogen-nanomaterial crosstalk: principles and relevance of nanoantibiotics**  
**Roland H. Stauber**, University Medical Center of Mainz, Germany
- 12:50-13:20** **Title: Label-free electrochemical immunosensor based on graphene nanocomposite for cancer diagnosis**  
**Mehdi Rahimi-Nasrabadi**, Baqiyatallah University of Medical Sciences, Iran

Lunch Break 13:20-14:20

Young Research Forum

- 14:20-14:45** **Title: Next generation nano enabled antibiotics**  
**Martin Quirke**, Dublin Institute of Technology, Ireland
- 14:45-15:10** **Title: Effect of silver doped nanostructured titanium dioxide (TiO<sub>2</sub>) on breast cancer epithelial cells**  
**Nefeli Lagopati**, National Technical University of Athens, Greece



Tentative Program

**15:10-15:35** **Title: Bi-functionalized clay nanotubes for anti-cancer therapy**  
**Reid Grimes**, University of Oklahoma Louisiana, USA

**Refreshments and Networking Break 15:35-15:55**

### Poster Presentation

**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: Determination of infrared, raman, (<sup>1</sup>H and <sup>13</sup>C)-NMR and density of state of nateglinide oral antidiabetic drug**

**Mansur Sa'id**, Yusuf Maitama Sule University, Nigeria

**ICMNT\_03** **Title: A multifunctional aminolipid carrier: combating antifungal drug resistance and improving nano drug delivery**

**Mrunal Patil**, Institute of Chemical Technology, India

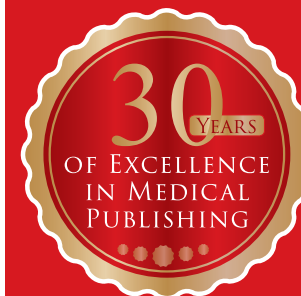
**ICNMT\_04** **Title: Isolation of DNA using superparamagnetic iron oxide nanoparticles**

**Fereshte Damavandi**, University of Alberta

### Awards & Closing Ceremony

Please note that this is a Tentative Program. Timings in this program may subject to change.

For Speaker opportunities mail us at: [nanomedicine@cmesocietyconferences.com](mailto:nanomedicine@cmesocietyconferences.com); [nanomedicine@pulsussummit.com](mailto:nanomedicine@pulsussummit.com)



Tentative Program

