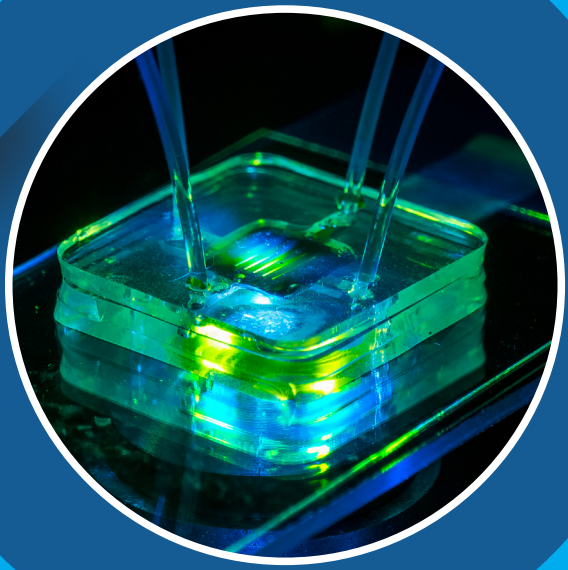
Meetings International

2nd International Microfluidics Congress

May 23-24, 2019 | Las Vegas, USA



May 23, 2019 | **Conference Agenda** | **Day 1**

Conference Hall: Tropicana 2

09:00-09:30 Registration

09:30-10:00 Opening ceremony

Keynote Forum

10:00-10:35 **Title: Fluidic-micro-nano-hetro-structures for nuclear power application**
Popa Simil Liviu, Los Alamos Academy of Sciences, USA

10:35-11:10 **Title: Recent investigations on microfluidics and nanofluidics using electrokinetics**
Ruey Jen Yang, National Cheng Kung University, Taiwan

Group Photo 11:10-11:15

Networking & Refreshment Break 11:15-11:35 @ Foyer

Workshop

11:35-12:35 **Title: Sample delivery approaches for synchrotron & XFEL light sources-a bottom up approach**
Peter Docker, Diamond Light Source, UK

Lunch Break 12:35-13:35 @ Restaurant

13:35-14:35 **Title: Manipulation of biomimetic soft interfaces by optical and microfluidic methods**
Guido Bolognesi, Loughborough University, UK

14:35-15:35 **Title: Streamlined drug synergy evaluations via bioinspired nanodroplet processing platform for optimal cancer treatment**
Ching Te Kuo, National Taiwan University, Taiwan

Networking & Refreshment Break 15:35-16:00 @ Foyer

Oral Sessions I:
Lab-On-A-Chip Technology | Point of Care Technologies | Bio-MEMS/NEMS and Chips | Microfluidic Chip

Chair: **Popa-Simil Liviu,** Los Alamos Academy of Sciences, USA
Co-chair: **Prem Bikkina,** Oklahoma State University, USA

16:00-16:25
Title: Microfluidics for particle generation: From a nanoparticle to a millimetre; from a milligram to a ton
Richard Gray, Dolomite Microfluidics, UK

16:25-16:50
Title: A centrifugal-based nucleic acid test with the immiscible filtration technique
Chih Hsin Shih, Feng Chia University, Taiwan

16:50-17:15
Title: The development of a pico litre sample delivery system for XFEL time resolved studies
Peter Docker, Diamond Light Source, UK

17:15-17:40
Title: Generation of *in vitro* 3D hepatic tumor model for discovery of novel therapeutics
Ting Yuan Tu, National Cheng Kung University, Taiwan

Session Adjournment

May 24, 2019 **Conference Agenda** **Day 2**

Conference Hall: Tropicana 2

Keynote Forum

10:00-10:35
Title: The state-of-the-art of surface modification techniques for geomaterial microfluidics
Prem Bikkina, Oklahoma State University, USA

Group Photo 10:35-10:40

Networking & Refreshment Break 10:40-11:00 @ Foyer

Workshop

11:00-12:00
Title: The development of a pico litre sample delivery system
Gabriel Leen, Polypico, Ireland

12:00-13:00
Title: 3D *in vitro* tissue models integrating microfluidics for drug discovery
Ting Yuan Tu, National Cheng Kung University, Taiwan

Lunch Break13:00-14:00 @ Restaurant

Young Research Forum

Chair: **Richard Gray,** Dolomite Microfluidics, UK
Co-chair: **Gabriel Leen,** Polypico, Ireland

14:00-14:20	**Title: Passive microfluidic production of multiple emulsions** **Adam Opalski,** Institute of Physical Chemistry of Polish Academy of Sciences, Poland
14:20-14:40	**Title: CDRH-on-a-chip: Advancing medical device innovation with microfluidics** **Rucha Natu,** Food and Drug Administration, USA
14:40-15:00	**Title: Inertial micromixing in curved serpentine micromixers with different curvature angles** **Rana Altay,** Sabanci University, Turkey
15:00-15:20	**Title: Plasma effects on microbubble formation in gas-liquid interface across a microfluidic plasma reactor** **Oladayo Ogunyinka,** Loughborough University, UK

Networking & Refreshment Break 15:20-15:40 @ Foyer

Conference Adjournment

