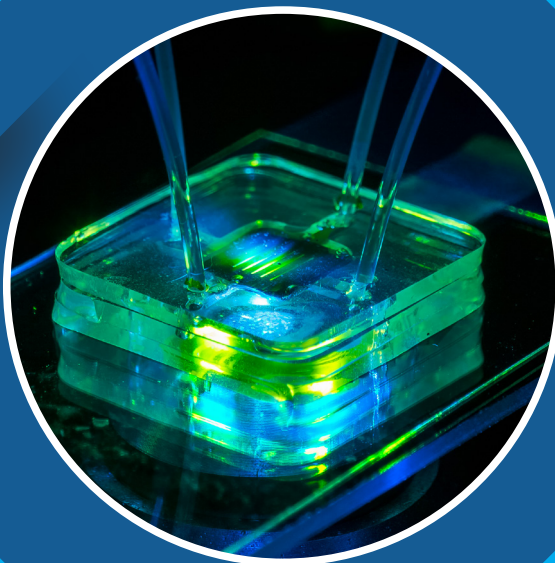


2nd International Microfluidics Congress

May 23-24, 2019 | Las Vegas, USA



May 23, 2019

Conference Agenda

Day 1

Conference Hall

09:00-09:30

Registration

09:30-10:00

Opening ceremony

10:00-10:35

Keynote Forum

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

11:35-12:35

Workshop

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

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

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

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

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

13:00-14:00

Title: Joining forces with academia for developing innovative microfluidic solutions for biology

Sebastien Cargou, BlackHole lab, France

Lunch Break 14:00-15:00

Young Research Forum

Chair: Richard Gray, Dolomite Microfluidics, UK

Co-chair: Gabriel Leen, Polypico, Ireland

15:00-15:20

Title: Passive microfluidic production of multiple emulsions

Adam Opalski, Institute of Physical Chemistry of Polish Academy of Sciences, Poland

15:20-15:40

Title: CDRH-on-a-chip: Advancing medical device innovation with microfluidics

Rucha Natu, Food and Drug Administration, USA

15:40-16:00

Title: Inertial micromixing in curved serpentine micromixers with different curvature angles

Rana Altay, Sabanci University, Turkey

16:00-16:20

Title: Plasma effects on microbubble formation in gas-liquid interface across a microfluidic plasma reactor

Oladayo Ogunyinka, Loughborough University, UK

Networking & Refreshment Break 16:20-16:40

Conference Adjournment

