



3rd SATS Scientific-Day program: Micro/Nano Systems for Biomedical and Pharmaceutical Applications *

Date: Monday, December 3rd, 2018

Venue: Auditorium C105, Demo at NanoLab- G103 (<http://nanolab.gju.edu.jo/>)

Time	Presenter	Talk
09:00-09:30	Ala'aldeen Al-Halhouli	Opening, Welcome note
09:30-10:15	Andreas Dietzel, TU Braunschweig, Germany	Concepts and applications of μ -fluidics
10:15-10:45	Sheng Qi, University of East Anglia, UK	Paving the road to targeted pharmaceutical innovation
10:45-11:15	Ala'aldeen Al-Halhouli, SATS, GJU	Inertial microfluidics focusing/ separation of Microparticles
11:15- 11:30	Coffee break	
11:30-12:00	Ruba Khnouf, JUST	Applications of microfluidic devices in the extraction and sequencing of small RNAs from a single cell
12:00-12:15	Sven Meinen, TU Braunschweig, Germany	Velocimetry in a micro cavity: characterization of a novel micro reactor for biopharmaceutical application using oscillation mixing technique
12:15-12:30	Jonathan Kottmeier, TU Braunschweig, Germany	Particle fractionation using the DLD technology
12:30-12:45	Korbinian Rager, TU Braunschweig, Germany	Laser Induced Forward Transfer – Printing of Microstructures
12:45-13:00	Esteban Builes, TU Braunschweig, Germany	Towards testing of powder inhalers - A device for size dependent aerosol fractionation
13:00-14:00	Free time	
14:00-16:00	NanoLab team	Networking, Demo at the NanoLab and closing, G103

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