

WEBINAR

"NANOTECHNOLOGY & MICRO-DEVICES FOR THE DIAGNOSIS AND TREATMENT OF INFECTIOUS DISEASES WITH EMPHASIS ON COVID-19: NOVEL PRODUCTS AND HIGH TRL PROTOTYPES IN GREECE"

Thursday, October 1st 2020, 10:00 - 12:30

Agenda

10:00-10:10	<p>Welcome Stamatiki Kritas, Webinar Facilitator, Hellenic Biocluster</p>
10:10-10:20	<p>Hellenic Biocluster Welcome Ioanna Koukli, President</p> <p>Micro & Nano Scientific Society Welcome Evangelos Gogolides, President</p>
10:20-11:20 Scientific Abstracts	<p>A LAB-ON-A-CHIP FOR RAPID, COLORIMETRIC DETECTION OF SARS-COV-2 VIRUS RNA IN 30 MIN POST EXTRACTION K Tsougeni^{1,2}, A Kanioura¹, K Ellinas^{1,2}, V Pogka⁴, T Karamitros^{3, 4}, A Mentis⁴, E Gogolides^{1,2}, A Tserepi^{1,2} <i>1. Nanoplasmas P.C., Technology Park NCSR Demokritos, 2. Institute of Nanoscience & Nanotechnology, NCSR Demokritos, 3. Unit of Bioinformatics & Applied Genomics, Hellenic Pasteur Institute, 4. Public Health Laboratories, Hellenic Pasteur Institute</i></p> <p>MULTIPLEX BEAD-BASED SARS COV-2 SEROLOGICAL ASSAY WITH ENHANCED QUALITATIVE PERFORMANCE N Meimetis^{1*}, C Fotis^{1*}, N Tsolakos^{2*}, M Politou³, K Akinosoglou⁴, V Pliaka², A Minia², C Gogos⁴, A Spyridonidis^{5#}, LG Alexopoulos^{1,2#} <i>1. Biomedical Systems Laboratory, National Technical University of Athens, 2. ProtATonce Ltd, Technology Park NCSR Demokritos, 3. Department of Clinical Therapeutics, Alexandra General Hospital, National & Kapodistrian University of Athens, 4. Department of Internal Medicine, Division of Infectious Diseases, University Hospital of Patras, 5. Department of Internal Medicine, BMT Unit & CBMDP Donor Center, University of Patras</i> *co-first authors, #co-last authors</p> <p>A POINT-OF-CARE PLATFORM FOR RAPID DETECTION OF URINARY TRACT INFECTIONS M Filippidou¹, M Georgoutsou-Spyridonos¹, S Douskas¹, A. Nikolakakis¹, P Petrou², D Mastellos², S Chatzandroulis¹, A Tserepi¹ <i>1. Institute of Nanoscience & Nanotechnology, NCSR Demokritos, 2. Institute of Nuclear & Radiological Sciences & Technology, Energy & Safety, NCSR Demokritos</i></p>

11:20-11:40	Success story: Sergios Katsaros, BIOPIX-T “IRIS - A novel portable and cost effective molecular diagnostic device”
11:40-12:00	Invited Speaker: Assoc Prof M Limberis, University of Pennsylvania, USA “Adeno-associated virus vector prophylaxis for airborne infectious viruses”
12:00-12:30	Final Remarks