Glass-Laser
Multiplexed
Biosensor

GLAM Workshop:

Key Enabling Technologies
for Better Cancer Diagnosis

7 November 2017

Porter EcoBuilding -101,
Tel Aviv-Yafo 6997801,
Israel

Click here to register

Agenda			
08:45 - 09:15	Registration		
09:15 - 09:30	Opening	WizSoft	Dr. Mira Marcus-Kalish
Photonics			
09:30 - 09:55	Photonics in Healthcare	InPhoTech	Dr. Marek Napierała
09:55 - 10:20	Novel developments of optical technologies	ULB	Dr. Gregory Kozyreff
10:20 - 10:45	GLAM Project: Glass-Laser Multiplexed Biosensors	LEITAT	Dr. Francesc Mitjans
10:45 - 11:00	Photonics Roundtable / Moderator – Dr. Johann Toudert, ICFO		
11:00 - 11:30	**Coffee Break**		
Nanotechnology			
11:30 - 11:55	Nanomedicine in Europe and beyond	Tel Aviv University	Prof. Yosi Shacham
11:55 - 12:20	Nanomedicine and beyond: from a concept idea to approve drug	Tel Aviv University	Dr. Dan Peer
12:20 - 12:45	HypoSens Project: Nano-confined photonic system for detection of breast cancer spread to the lymph nodes	Sofia University	Dr. Stanislav Balouchev
12:45 - 13:00	Nanotechnology Roundtable / Moderator Dr. Sonia García Blanco, University of Twente		
13:00 - 14:00	**Lunch Break**		

Glass-Laser Multiplexed Biosensor

Micro-Nano-Bio Systems			
14:00 - 14:25	Microfluidics as tool for cell therapy development	CEIT	Dr. Maite Mujika
14:25 - 14:50	Micro-ring technologies for cancer diagnosis	IBEC	Dr. Elena Martínez
14:50 - 15:15	Fast evaluation of biopsy for prostate cancer diagnosis	FRAUNHOFER	Dr. Jörg Opitz
15:15 - 15:30	Micro-Nano-Bio Systems Roundtable / Moderator – Dr. Marc Masa, LEITAT		
15:30 - 16:00	**Coffee Break**		
Translational Medicine and Healthcare			
16:00 - 16:25	From Bench to Bedside: Clinical studies for KETs in cancer research	Radboud UMC	Dr. Jack Schalken
16:25 - 16:50	Transformational Medical Technologies into the Market	GE Healthchare	Dr. Peter Bencsik
16:50 - 17:15	New regulatory framework for medical devices	Obelis	Sandra Ferretti
17:15 - 17:30	Translational Medicine and Healthcare Roundtable/ Moderator – Dr. Francesc Mitjans, LEITAT		
17:30 - 19:00	**Networking Cocktail**		

THE CONSORTIUM:

LEITAT Spain

LEITAT managing technologies

Fundació Institut de Bioenginyeria de Catalunya Spain

IBEC Institute for Bioengineering of Catalonia

Universiteit Twente The Netherlands

UNIVERSITY OF TWENTE.

WizSoft Israel

WizSoft sophisticated software applications

Université Libre de Bruxelles Belgium

ULB UNIVERSITÉ LIBRE DE BRUXELLES

Fundació Institut de Ciències Fotòniques Spain

ICFO The Institute of Photonic Sciences

Stichting Katholieke Universiteit The Netherlands

Radboudumc

Novelic Serbia

novelIC MICROSYSTEMS

Optocap United Kingdom

optocap

Obelis Belgium

Obelis European Authorized Representative Center

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About GLAM:

GLAM project develops a device to monitor and diagnose genitourinary cancers in a personalised way, rapidly, and at low cost. Additionally, it is done in a less invasive and unpleasant way.

The GLAM device is based on novel label-freephotonic biosensors with ultra-sensitivity, simplicity of use, portability, multiplexing and low cost by simply applying a drop of urine and reading 10 biomarker levels.

The GLAM unique technology will make the device also usable with other biofluids aside of urine and might also be used to help physicians in personalised medicine in many other biomarker driven diseases, aside of cancer.

glam-project.eu
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