



UNIVERSITÀ  
di VERONA

PhD School  
in LIFE AND HEALTH SCIENCES



UNIVERSITÀ  
di VERONA

PhD School  
in NATURAL SCIENCES AND ENGINEERING  
PhD in Biotechnology

ASSOCIAZIONE ITALIANA  
DI COLTURE CELLULARI



# WORKSHOP ON ORGANOID CULTURES

**ORGANOID MODELS AND APPLICATIONS IN BIOMEDICAL RESEARCH**

**Verona, March 8<sup>th</sup>, 2018**

**Aula Magna "Giorgio De Sandre", University of Verona**

**Piazzale L. Scuro, 10 - 37134 Verona**



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## Scientific Programme

**Chairs:** Claudio Sorio, Vincenzo Corbo, Michele Caraglia, Paola Melotti, Carmine Carbone,  
Massimo Donadelli

**10:15/10.30** Introduction and Greetings

**10.30** *Lectio Magistralis:* The history of organoids and new applications. Hugo De Jonge, Erasmus University Medical Center, Rotterdam, Netherland

**11.15** Organoids in cystic fibrosis research. Claudio Sorio, University of Verona

**11.45** *New Materials and Methods for 3D cultures*

- 3D dynamic multi-organ in-vitro model. Tommaso Sbrana, IVTech
- Digital Holographic Microscopy: an innovative label free imaging technique to investigate 3D cultures and spheroids in real time. Francesca Sbrana, Schaefer

**BREAK**

**14:00** *Lecture:* Organoid models of cancer. Calvin J Kuo, Stanford University School of Medicine, Stanford, California, USA

**14.45** Organoids in cancer research. Vincenzo Corbo, University of Verona

**15.15** Biobanking and organoids: rules for the development of new cell culture approaches. Rita Lawlor, ARC-Net Verona



**15:45** Cultivation of 2D and 3D mesenchymal stem cells in nanofiber scaffolds to control proliferation and differentiation. Evzen Amler, Charles University in Prague, Prague, Czech Republic

**16.15** *Round table:* Future applications of organoids and open discussion. Speakers and auditorium, with the participation of the SIB group "Differentiation and Neoplastic Transformation"

**17.00** Closing remarks



## GENERAL INFORMATION

### CONFERENCE VENUE

Aula Magna "Giorgio De Sandre", Università degli Studi di Verona, Piazzale L. Scuro, 10 - 37134 Verona; [www.univr.it](http://www.univr.it)

### REGISTRATION FEES

The attendance at the meeting is restricted to:

- AICC Members 2018 \*
- Personnel of the University of Verona
- Personnel of the Azienda Ospedaliera Universitaria Integrata (AOUI) of Verona
- Students/PhD Students of the University of Verona

\* for AICC membership follow information reported in the website [www.aicc.website/cosaelaicc/sottoscrizioni](http://www.aicc.website/cosaelaicc/sottoscrizioni)

To attend the workshop, fill out the registration form and send it to [evelin.pellegrini@guest.iss.it](mailto:evelin.pellegrini@guest.iss.it) and [massimo.donadelli@univr.it](mailto:massimo.donadelli@univr.it)

### LANGUAGE

The official language of the meeting is English

[WWW.AICC.WEBSITE](http://WWW.AICC.WEBSITE)

