



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 8th, 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

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

To attend the workshop, fill out the registration form and send it to evelin.pellegrini@guest.iss.it and massimo.donadelli@univr.it

LANGUAGE

The official language of the meeting is English

WWW.AICC.WEBSITE

