

## Inside the barriers: *in vitro* models and their applications

### Day 3: March 4<sup>th</sup> - Modelling the gastro-intestinal barrier

- 9.45 - 10.00 Access to the platform
- 10.00 - 10.10 Welcome and introduction (Chair: Olimpia Vincentini/ Nathalie Steimberg)
- 10.15 - 10.40 *Intestinal barriers: from 3D epithelial models to intestinal spheroids*  
Prof.ssa Francesca Rescigno, VitroScreen Srl, Italy.
- 10.45-11.10 *2D/3D intestinal biomimetic tissue models combined to microphysiological systems for in vitro absorption studies*  
Dr Silvia Scaglione, React4life Srl, Italy
- 11.10-11.20 Coffe break
- 11.20-11.35 *A fluidic platform to implement advanced in-vitro models of pathophysiological intestinal barriers*  
Dr.ssa Francesca Piccapane, University of Bari, Italy
- 11.35-11.45 *IVTech: new tools for advanced in-vitro models*  
Dr Tommaso Sbrana, IVTech Srl, Italy
- 11.45-12.10 *In vitro model of human intestinal epithelium for studying drug toxicity and pharmacokinetics*  
Dr Jan Markus, MatTek IVLSL, Slovakia
- 12.15 – 12.45 Discussion and Conclusions

#### Scientific organising committee

Diego Baderna (Chemservice Srl), Susanna Alloisio (ETT Spa), Olimpia Vincentini (Istituto Superiore di Sanità),  
Nathalie Steimberg (Università degli Studi di Brescia), Francesca Caloni (Università degli Studi di Milano)

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