



WYSS INSTITUTE

Scientific Symposium Merz Guest Professorship Prof. Dr. Donald E. Ingber

„Modeling health and diseases: from in vitro design to future therapies“

5.12.2018, Biozentrum Lecture Hall B1

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| 9:00 - 9:15 am | Welcome address |
| 9:15 - 10:15 am | Prof. Dr. Donald E. Ingber (Harvard University, Boston, USA) <i>“Modeling health and diseases: from in vitro design to future therapies”</i> |
| 10:15 - 10:40 am | Prof. Dr. Andries van der Meer (Twente University, Enschede, The Netherlands) <i>“Vascular biology in organs-on-chips”</i> |
| 10:40 - 11:10 am | Coffee break |
| 11:10 - 11:35 am | Prof. Dr. Ernst Reichmann (University Children's Hospital Zurich, Switzerland) <i>“Human in vitro skin models for research and regenerative medicine”</i> |
| 11:35 - 12:00 am | Prof. Dr. Florian Greten (Georg-Speyer-Haus, Frankfurt, Germany) <i>“Human cancer models for preclinical testing and personalized therapy”</i> |
| 12:00 - 12:25 am | Prof. Dr. Susanna Miettinen (Tampere University, Finland) <i>“Controlling human stem cell fate for tissue engineering and regenerative medicine”</i> |
| 12:25 - 13:25 pm | Lunch |
| 13:25 - 14:10 pm | Young scientists @ Goethe University Dr. Viktoria Planz (Pharmacy), Frank Thomas Mayer (Medicine), Dr. Iris Bischoff (Pharmacy) |
| 14:10 - 14:35 pm | Prof. Dr. Stefan Hippenstiel (Charité, Berlin, Germany) <i>“Ex vivo human lung infection models”</i> |
| 14:35 - 15:00 pm | Prof. Dr. Susan Gibbs (Amsterdam University Medical Center, The Netherlands) <i>“Modeling mucosal infections”</i> |
| 15:00 - 15:25 pm | Dr. Manuel Kaulich (Goethe University, Frankfurt, Germany) <i>“CRISPR/Cas applications in preclinical cell assays”</i> |
| 15:25 - 16:00 pm | Coffee break |
| 16:00 - 16:25 pm | Prof. Dr. Ellen Fritsche (Leibniz Research Institute for Environmental Medicine, Düsseldorf, Germany) <i>“The manifold applications for neurospheres”</i> |
| 16:25 - 16:50 pm | Prof. Dr. Ernst Stelzer (Goethe University, Frankfurt, Germany) <i>“Formation and application of human spheroids and organoids”</i> |
| 16:50 - 17:00 pm | Closing remarks |