EUROPEAN ADVANCED COURSE

DECEMBER 4 – 7, 2018
Berlin-Brandenburg Center for Regenerative Therapies BCRT
BERLIN, GERMANY

www.focisnet.org
Topics:

» Trends in Immunotherapy
» Immune System Regulation in Health and Disease
» Cell-Cell Interactions and Signaling
» Metabolics, Microbiota and Immunity
» Breaking-Through Technologies

Practical Workshops in Following Fields:

» GMP for Cell Products
» Advanced Flow Cytometry and Related Bioinformatics
» iPSC Technology
» Single Cell Analyses – from Mass Cytometry to Maldi Imaging and Single Cell Molecular Signature

Venue:

Berlin-Brandenburg Center for Regenerative Therapies BCRT
Charité – Universitätsmedizin Berlin
Campus Virchow-Klinikum
Föhrer Straße 15
13353 Berlin
Germany

Register now on www.focisnet.org

Organized by: [Logo]
Hosted by: [Logo]
FOCIS European Advanced Course in Basic and Clinical Immunology

Dec. 4 – 7, 2018 Berlin

Facility: BCRT building: Charité Campus Virchow (Föhrer Strasse 15, 13353 Berlin)
Hotel option: Mercure Hotel MOA Berlin (Stephanstrasse 41, 10559 Berlin), 10 minutes walking distance

Registration Link: www.focisnet.org
Please note: Registration is limited to a maximum of 80 persons!

Tuesday Dec. 4th, 2018

16:00 – 17:00 Arrival and Registration
19:30 – 21:00 1st Poster Session/ Welcome-Party

Wednesday Dec. 5th, 2018

07:30 – 08:30 Registration for Late Arrival
08:30 – 09:15 Overview of the Immune System – Abul Abbas; University of California SF, CA, United States
09:15 – 10:00 Innate Lymphoid Cells (ILC) in Health and Disease – Chiara Romagnani; Charité & German Rheumatism Research Center (DRFZ), Berlin, Germany
10:00 – 10:30 Break
10:30 – 11:15 Macrophages in Tissue Homeostasis and Inflammation – Michael Sieweke; TU Dresden, Germany & University of Marseille, France
11:15 – 12:00 Antigen and Immune Receptor Signaling – Shiv Pillai; Massachusetts General Hospital, Boston, MA, United States
12:00 – 12:45 T cell Activation and Co-Stimulation – Abul Abbas; University of California SF, CA, United States
12:45 – 13:45 Lunch
13:45 – 14:30 T and B Cell Collaboration – Shiv Pillai; Massachusetts General Hospital, Boston, MA, United States
14:30 – 15:15 Find the Niche – Long-Lived Humoral & Cellular Memory – Andreas Radbruch; German Rheumatism Research Center (DRFZ), Berlin, Germany
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>15:15 – 15:45</td>
<td>Break</td>
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<tr>
<td>15:45 – 16:30</td>
<td>From Clinical Immune Diseases to Pathway-Diseases – tba; tba</td>
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<tr>
<td>16:30 – 17:15</td>
<td>Immunometabolics – Birgit Sawitzki; Charité, Berlin, Germany</td>
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<td>18:00 – 20:00</td>
<td>2nd Poster Session and Reception with Faculty</td>
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**Thursday, Dec. 06th, 2018**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:30 – 09:15</td>
<td>Immune Tolerance and Regulation – Hans-Dieter Volk; Charité, Berlin, Germany</td>
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<td>09:15 – 10:00</td>
<td>Challenges in Transplantation – Petra Reinke; Charité, Berlin, Germany</td>
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<td>10:00 – 10:30</td>
<td>Break</td>
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<tr>
<td>10:30 – 11:15</td>
<td>Challenges in Boosting Tumor Immune Response – Thomas Blankenstein; Max Delbrück Center &amp; Charité, Berlin, Germany</td>
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<td>11:15 – 12:00</td>
<td>Immunodeficiencies and Therapeutic Strategies – Maria Grazia Roncarolo; Stanford University, CA, United States</td>
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<td>12:00 – 12:45</td>
<td>Next Generation of Monoclonal Antibodies – Roland Buelow; Teneobio, Menlo Park, CA. United States</td>
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<td>12:45 – 13:45</td>
<td>Lunch</td>
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<td>13:45 – 14:30</td>
<td>Unexpected Roles for Intracellular Complement in Autoimmunity – Claudia Kemper; NIH Bethesda, MD</td>
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<td>14:30 – 15:15</td>
<td>Crosstalk between Immune System and Microbiota – Andreas Diefenbach; Charité, Berlin, Germany</td>
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<td>15:15 – 15:45</td>
<td>Break</td>
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<td>15:45 – 16:30</td>
<td>Epigenetic Implication for Immune Regulation – Henk Stunnenberg; Radboud University Nijmegen, Netherland</td>
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<td>16:30 – 17:15</td>
<td>Computational Immunology – Magnus Fontes; Univ. Lund, Sweden/Genentech, US</td>
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<td>18:00 – 20:00</td>
<td>3rd Poster Session</td>
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Friday, Dec. 07th, 2018

Courses (Please note: min. 5/ max. 12 Attendees):

08:30 – 13:00
- **GMP for Cell Products** (Petra Reinke/ Andy Römhold/ Daniel Kaiser/ Mohamed Abou El Enein)
- **Advanced Flow Cytometry and Related Bioinformatics** (Mathias Streitz/ Desiree Kunkel/ Andreas Thiel/ Stefan Schlickeiser)
- **iPSC Technology** (Harald Stachelscheid/ Sebastian Diecke)
- **Single Cell Analyses – from Mass Cytometry to Maldi Imaging and Single Cell Molecular Signature** (Birgit Sawitzki/ Desiree Kunkel/ Oliver Klein)

13:00 End of Course and Farewell Lunch