Retreat Padua - Ulm Molecular Medicine 2016

University of Padua – University of Ulm

For more than 10 years there exists a close cooperation between faculty members of the study courses in Molecular Medicine at the Universities of Padua and Ulm. We had a first common retreat in January 2012 in Brixen and a second retreat 2014 in Blaubeuren. Students and scientists of both universities presented their research either as short talks or as posters and were engaged in lively discussions.

From 1st until 3rd July 2016, the third retreat will be held at the University of Ulm in the Life Science building N27. Students and researchers in molecular medicine from both faculties, Padua and Ulm, will have the opportunity to present their results, as lecture or poster. The sessions focus on the categories Oncology, Gene Therapy, Signal Transduction and Mechanism of Diseases, Developmental Biology and Infectious Agents. The scientific program will be rounded off by a sightseeing tour and dinners. In WS 2016/2017 a Joint Master Program will start.
### Retreat Padua - Ulm

**Topics in Molecular Medicine**  
Ulm, July 1st - 3rd 2016

#### PARTICIPANTS

<table>
<thead>
<tr>
<th>Padua:</th>
<th>Ulm:</th>
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<tbody>
<tr>
<td>1. Adriana Vitiello (PhD student DMM)</td>
<td>1. Andrew Westhoff</td>
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<tr>
<td>2. Anna Citron</td>
<td>2. Barbara Eichner</td>
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<td>3. Antonio Rosato</td>
<td>3. Dieter Brockmann</td>
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<td>5. Andrea Cignarella</td>
<td>5. Giada Frascaroli</td>
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<td>7. Fulvio Ursini</td>
<td>7. Holger Barth</td>
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<td>10. Giulia Santion</td>
<td>10. Lina Zaveleva</td>
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<td>11. Lorena Fallarino</td>
<td>11. Lüder-Hinrich Meyer</td>
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<td>12. Lorenzo Messa</td>
<td>12. Marion Schneider</td>
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<td>15. Riccardo Betto</td>
<td>15. Sebastian Iben</td>
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<td>17. Sibilla Molon</td>
<td>17. Thomas Mertens</td>
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<td>18. Stefano Piccolo (or Graziano Martello)</td>
<td>18. Uwe Knippschild</td>
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<td>19. Stefano Toppo</td>
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<td>21. Ambar Da Ros</td>
<td>20. Dorota Kmiec</td>
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<td>22. Andrea Bortolin</td>
<td>21. Elena Boldrin</td>
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<td>23. Annachiara Marin</td>
<td>22. Elena Heusinger</td>
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<td>28. Cristina Maluccelli</td>
<td>27. Julia Herzig</td>
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<td>29. Deborah Battocchio</td>
<td>28. Laura Meier</td>
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<td>30. Elisa Cesare</td>
<td>29. Lea Krutzke</td>
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<td>31. Elisa Saccon</td>
<td>30. Lisa Hipp</td>
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<td>32. Eleonora Munaro</td>
<td>31. Lukas Peiffer</td>
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<td>33. Ersilia Laura Rigoni</td>
<td>32. Marco Castelli</td>
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<td>34. Gaia Butera</td>
<td>33. Martin Wist</td>
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<td>35. Giovanni Faggin</td>
<td>34. Maximilian Wagner</td>
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<td>36. Giulia Gomiero</td>
<td>35. Meike Hohwieler</td>
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<td>37. Gloria Magro</td>
<td>36. Mirjam Hohner</td>
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<td>38. Hanien Ghassabian</td>
<td>37. Noumann Khalid</td>
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<td>39. Ilaria Caputo</td>
<td>38. Rebbecca Roscher</td>
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<td>40. Ivan Zadra</td>
<td>39. Salih Demir</td>
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<td>41. Laura Barbieri</td>
<td>40. Tamara Merz</td>
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<td>42. Matteo Melonari</td>
<td>41. Stefan Carle</td>
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<td>43. Mattia Arboit</td>
<td>42. Susanne Hirsch</td>
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<td>44. Nicole Cesaraato</td>
<td>43. Tamara Merz</td>
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<td>45. Pierangela Palmerini</td>
<td>44. Theresa Ertlmaier</td>
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<td>46. Romy Lucon Xiccato</td>
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<td>47. Sara Cascione</td>
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<td>48. Silvia Angiolillo</td>
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TRAVEL INFORMATION PADUA - ULM

Arrival Airport Stuttgart 13:45
Bustransfer to Ulm – arrival Ulm 15:15

PROGRAMME

Friday, July 1st 2016

15:30  Reception/Keynote – Prof. Dr. Thomas Mertens (Ulm) and Prof. Dr. Giorgio Palu (Padua)

Session I Oncology
15:50  Chair/Introduction:  PD Dr. Mike Andrew Westhoff (Ulm) and Unipd Prof. Dr. Antonio Rosato (Padua)
16:05  Lecture 1  Student Padua Elisa Cappuzzello “Antigen-specific retargeting of cytokine-induced killer cell (CIK) activity”
16:25  Lecture 2  Student Ulm Salih Demir “Targeting mutant p53 in pediatric acute lymphobastic leukemia”
16:45  Lecture 3  Student Padua Giulia Santinon “Crosstalk between YAP/TAZ and cell metabolism”

17:05 Coffee Break

Session II: Gene therapy
17:20  Chair/Introduction:  Prof. Andrea Cignarella (Padua) and PD Dr. Florian Kreppel (Ulm)
17:40  Lecture 1  Student Ulm Lea Krutzke “Position-specific PEGylation of adenovirus type 5-based vectors improves vector pharmacokinetics after systemic delivery”
18:00  Lecture 2  Student Padova Lorena Fallarino “Gene Therapy HIV”
18:20  Lecture 3  Student Padova Paolo Raffa “Stem cell gene therapy for EEC syndrome”
18:40  Lecture 4  Student Ulm Lisa Hipp “Analysing gene transcription with a biophysical approach”

19:00/19:15 Bustranfer Citybus „Botanischer Garten“ Nr. 3 to ZOB

20:00 Dinner – Get together [Gasthof Krone, Kronengasse 4, 89073 Ulm]

Saturday July 2nd 2016

Session III: Signal transduction and mechanism of disease
8:45  Chair/Introduction:  Prof. Dr. Peter Gierschik (Ulm) and Unipd Prof. Dr. Fulvio Ursini (Padua)
9:00  Lecture 1  Student Padua Mattia Zaccarin “GPx4 structure and function at atomic level”
9:20  Lecture 2  Student Ulm Martin Wist “Functional characterization of deletions in the human gene encoding phospholipase C-γ2 leading to cold-induced urticaria and immune dysregulation”
9:40  Lecture 3  Student Padua Riccardo Betto “Stat signaling in ES cells”
10:00 Lecture 4  Student Ulm Nouman Khalid “Identification of potential Ligands (agonists/antagonists) for P2X7 receptor through virtual screening”

10:20 Coffee Break
Session IV: Developmental biology
10:40 Chair/Introduction: Prof. Dr. Michael Kühl (Ulm) and Unipd Prof. Stefano Piccolo (Padua)
11:00 Lecture 1 Student Ulm Meike Hohwieler “Human pluripotent stem cell-derived pancreatic organoids”
11:20 Lecture 2 Student Padua Anna Citron “Self-organizing organoids”
11:40 Lecture 3 Student Ulm Melanie Rothe “Sipa13/Spar3 is required for eye development via regulation by Epha4 and balancing Wnt signaling”
12:00 Lecture 4 Student Padua Sibilla Molon “Role of collagen VI in intestine homeostasis”

12:20 Lunch and Postersession

13:45 Talk Ms Klara Höning “Type I interferon induction by DNA damaging agents”
Institute of Molecular Medicine, University Hospital, University of Bonn

Session V: Infectious diseases
14:15 Chair/Introduction Prof. Dr. Thomas Mertens (Ulm) and Prof. Dr. G. Palu (Padua)
14:35 Lecture 1 Student Ulm Lukas Peiffer “Interaction of lentiviral Nef proteins and the host restriction factor SERINC5”
14:55 Lecture 2 Student Padua Lorenzo Messa “Targeting a highly-conserved, dual binding site of HPV E6 oncogenic protein as a novel strategy to develop new anticancer drugs”
15:15 Lecture 3 Student Ulm Tamara Merz “The role of hydrogen sulfide in glucose utilization during circulatory shock”
15:35 Lecture 4 Student Padua Giovanna Desole “Neural cells as model for studying flavivirus infections”
15:55 Lecture 5 Student Ulm Dorota Kmiec “The importance of Vpu-mediated anti-tetherin activity in pandemic HIV-1 strains”

16:25/16:35 Bus transfer Citybus „Botanischer Garten“ Nr. 3 „Eselsberg Hasenkopf“ Nr. 13 „Ottliengasse Söflingen“

17:30 City guide Ulm – Söflingen

19:00 Dinner – Klosterhof Söflingen

Citymap

Sunday July 3rd 2016

Breakfast

11:00 Ibis bustransfer to Stuttgart