



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



ulm university universität  
**uulm**



## 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 in 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.



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## Retreat Padua - Ulm

### Topics in Molecular Medicine

Ulm, July 1st - 3rd 2016

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## PARTICIPANTS

Padua:	Ulm:
1. Adriana Vitiello (PhD student DMM)	1. Andrew Westhoff
2. Anna Citron	2. Barbara Eichner
3. Antonio Rosato	3. Dieter Brockmann
4. Carla Mucignat	4. Florian Kreppel
5. Andrea Cignarella	5. Giada Frascaroli
6. Elisa Cappuzzello	6. Hans Jörg Fehling
7. Fulvio Ursini	7. Holger Barth
8. Giorgio Palù	8. Katharina Schilberg
9. Giovanna Desole	9. Klara Höning
10. Giulia Santinon	10. Lina Zaveleva
11. Lorena Fallarino	11. Lüder-Hinrich Meyer
12. Lorenzo Messa	12. Marion Schneider
13. Mattia Zaccarin	13. Michael Kühl
14. Paolo Raffa	14. Peter Gierschik
15. Riccardo Betto	15. Sebastian Iben
16. Sara Botton	16. Tatiana Syrovets
17. Sibilla Molon	17. Thomas Mertens
18. Stefano Piccolo (or Graziano Martello)	18. Uwe Knippschild
19. Stefano Toppo	
20. Ahmed Rezk	19. Alberto Bertozzi
21. Ambar Da Ros	20. Dorota Kmiec
22. Andrea Bortolin	21. Elena Boldrin
23. Annachiara Marin	22. Elena Heusinger
24. Antonella Nicolo	23. Ev-Marie Schuster
25. Bancara Nicolo	24. Eva Gentner
26. Bianca Bazzolo	25. Grace Ampem
27. Chiara Galber	26. Jana Krieger
28. Cristina Maluccelli	27. Julia Herzig
29. Deborah Battocchino	28. Laura Meier
30. Elisa Cesare	29. Lea Krutzke
31. Eilsa Saccon	30. Lisa Hipp
32. Eleonora Munaro	31. Lukas Peiffer
33. Ersilia Laura Rigoni	32. Marco Castelli
34. Gaia Butera	33. Martin Wist
35. Giovanni Faggin	34. Maximilian Wagner
36. Giulia Gomiero	35. Meike Hohwieler
37. Gloria Magro	36. Mirjam Hohner
38. Hanien Ghassabian	37. Noumann Khalid
39. Ilaria Caputo	38. Rebbecca Roscher
40. Ivan Zadra	39. Salih Demir
41. Laura Barbieri	40. Tamara Merz
42. Matteo Melonari	41. Stefan Carle
43. Mattia Arboit	42. Susanne Hirsch
44. Nicole Cesarato	43. Tamara Merz
45. Pierangela Palmerini	44. Theresa Ertlmaier
46. Romy Lucon Xiccato	
47. Sara Cascione	
48. Silvia Angiolillo	

# TRAVEL INFORMATION PADUA - ULM

**Arrival Airport Stuttgart 13:45**

**Bustransfer to Ulm – arrival Ulm 15:15**

## PROGRAMME

**Friday, July 1<sup>st</sup> 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 lymphoblastic 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 Bustransfer Citybus „Botanischer Garten“ Nr. 3 to ZOB**

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

**Saturday July 2<sup>nd</sup> 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- $\gamma_2$  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 "Sipa1l3/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 Bustransfer 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 3<sup>rd</sup> 2016**

**Breakfast**

11:00 Ibis bustransfer to Stuttgart