



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN



HARVARD UNIVERSITY

LMU-Harvard Young Scientists' Forum

From Molecules to Organisms V, Munich, July 8 – 12, 2013

The LMU-Harvard Young Scientists' Forum (YSF) seeks to unite Ph.D. students and Postdoctoral fellows from the Harvard University and the Ludwig-Maximilians-Universität (LMU) with core faculty from the two universities to create a framework for an interdisciplinary exchange of ideas. The YSF was initiated as a yearly event in 2009 and is held alternately in Munich and Cambridge.

Monday, July 08

Arrival
19:30 – open

Individually arranged

Welcome dinner (Seehaus, Kleinhesselohe 3, 80802 Munich;
Stefan Lauterbach; Head LMU International Office)

Tuesday, July 09

09:00 – 09:30

CAS, Seestraße 13, 80802 Munich

Welcome address

(Ulrich Pohl; Vice President for International Affairs)

09:30 – 10:30

Lecture 1 – Martha Merrow: "Molecular mechanisms of the circadian clock"
(Intro: Stefan Lichtenthaler)

Coffee break (catered)

11:00 – 13:00

Session 1 – "Molecular methods"

Schneider/ Derbyshire/ Xie/ Masserdotti chaired by Stefan Lichtenthaler

Lunch break (catered)

14:30 – 16:30

Session 2 – "Development"

Santoro/ Perera/ Murphy/ Krol chaired by Magdalena Götz

Coffee break (catered)

17:00 – 18:00

Lecture 2 – Venkatesh Murthy: "Odor information coding and transformation in mammalian neural circuits" (Intro: Alexander Mathis)

18:00 – open

Conference BBQ (**CAS, garden**)

Wednesday, July 10

09:00 – 10:00

CAS, Seestraße 13, 80802 Munich

Lecture 3 – Martin Kerschensteiner: "Cellular and molecular in-vivo imaging of the diseased nervous system" (Intro: Benedikt Grothe)

Coffee break (catered)

10:30 – 12:30

Session 3 – "Neural circuits"

Wienisch/ Morgan/ Bahl/ Ucpunar chaired by Benedikt Grothe

Lunch break (catered) & YSF faculty meeting (oval office)



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14:30 – 16:30	Session 4 – “Neural coding” Tang/ Pecka/ Myoga/ Chen chaired by Andreas Herz <i>Coffee break (catered)</i>
17:00 – 18:00	Lecture 4 – David Cox : “Reverse-engineering visual object recognition in cortex” (Intro: Andreas Herz)
18:00 – open	At free disposal (student representative activities)
Thursday, July 11	
	Biocenter Martinsried, Grosshadernerstr. 2, 82152 Martinsried
08:15 – 09:00	Pre-arranged transfer hotel – biocenter
09:00 – 10:00	Lecture 5 – Ilona Kadow : “The sense of smell: neural circuits of olfaction guided behaviour” (Intro: Stylianos Michalakis) <i>Coffee break (catered; seminar room D00.013)</i>
10:30 – 12:30	Session 5 – “Signalling” Kobold/ Freier/ Hassan/ Grassmann chaired by Stylianos Michalakis <i>Lunch break (catered) & YSF poster session (foyer at D00.003)</i>
	Cantley/ Drenth/ Heydenreuter/ Keplinger/ Koch/ Michalakis/ Murenu/ Pätirniche/ Raps/ Thornton
14:30 – 16:30	Session 6 – “Chemical biology” Schönberger/ Koussa/ Dahmen/ Gaglia chaired by Dirk Trauner <i>Coffee break (catered)</i>
17:00 – 18:00	Lecture 6 – Ralph Mazitschek : “Chemical biology of HDAC inhibitors” & closing remarks (Intro: Dirk Trauner)
18:00 – 18:30	<i>YSF wrap-up session (faculty; seminar room D00.013)</i>
18:30 – open	BBQ faculty of biology, biocenter (Pre-arranged transfer biocenter – hotel)
Friday, July 12	
	Hotel Cosmopolitan, Hohenzollernstr. 5, 80801 Munich
09:00 – 19:00	Pick-up, excursion to Petersberg, Kufstein
Saturday, July 13	
Departure	Individually arranged

■ **For scientific enquiries, please contact:** Oliver Behrend, Managing Director, Munich Center for Neurosciences – Brain & Mind (MCN), o.behrend@lmu.de ■ **For administrative enquiries, please contact:** Simone Glasl, Project Manager, International Cooperation LMUexcellent, simone.gasl@lmu.de

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 ■ **Under the auspices of** Prof. Dr. Ulrich Pohl, Vice-President for International Affairs, LMU ■ **Academic board:** Prof. Dr. Benedikt Grothe, Munich Center for Neurosciences, MCN, Prof. Dr. Dirk Trauner, Center for Integrated Protein Science Munich, CIPSM ■ **Program management:** Simone Glasl (LMU International Affairs) ■ **Participating academic units:** Center for Integrated Protein Science Munich (CIPSM), Munich Center for Neurosciences (MCN), Graduate School for Systemic Neurosciences (GSN) ■ **Academic program:** Prof. Dr. Benedikt Grothe, Prof. Dr. Oliver Behrend (MCN/GSN), Prof. Dr. Dirk Trauner, Dr. Oliver Baron (CIPSM) ■ **Institutional responsibility:** LMU International Affairs, Center for Advanced Studies (CAS[™])



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Participants

Harvard University

- **Kenneth Blum**, Executive Director, Harvard Center for Brain Science
- **Alexandra Cantley**, PhD Student, Department of Biological Chemistry and Molecular Pharmacology, Laboratory of Jon Clardy
- **Xiuye Chen**, PhD Student, Department of Molecular and Cellular Biology, Laboratory of Florian Engert
- **David Cox**, Professor, Department of Molecular and Cellular Biology
- **Emily Derbyshire**, Postdoctoral Fellow, Department of Biological Chemistry and Molecular Pharmacology, Laboratory of Jon Clardy
- **Giorgio Gaglia**, PhD Student, Systems Biology, Laboratory of Galit Lahav
- **Richard Gregory**, Professor, Harvard Stem Cell Institute
- **Mounir Koussa**, PhD Student, Harvard Medical School, Laboratory of Wesley Wong
- **Sasha Krol**, PhD Student, Department of Neurobiology, Laboratory of Lisa Goodrich
- **Ralph Mazitschek**, Professor, Harvard Center for Systems Biology
- **Josh Morgan**, Postdoctoral Fellow, Department of Neurobiology, Laboratory of Jeff Lichtman
- **Alexander Murphy**, Ph.D. Student, Harvard University Program in Neuroscience, Laboratory of Jeffrey Macklis
- **Venkatesh Murthy**, Professor, Department of Molecular and Cellular Biology
- **Stephen Santoro**, Research Associate, Department of Molecular and Cellular Biology, Laboratory of Catherine Dulac
- **Hanlin Tang**, PhD Student, Harvard Graduate Program in Biophysics, Laboratory of Gabriel Kreiman
- **James Thornton**, PhD Student, Department of Medicine, Laboratory of Richard Gregory
- **Martin Wienisch**, Postdoctoral Fellow, Department of Molecular and Cellular Biology, Laboratory of Venkatesh Murthy
- **Ting Xie**, PhD student, Department of Chemistry and Chemical Biology, Laboratory of Nathanael Gray

Ludwig-Maximilians-Universität München (LMU)

Helmholtz Zentrum München – German Research Center for Environmental Health (HMGU)

Max Planck Institute of Neurobiology (MPIN)

Technische Universität München (TUM)

- **Armin Bahl**, PhD student, MPIN, GSN, Department of Systems and Computational Neurobiology, Laboratory of Alexander Borst
- **Oliver Baron**, Managing Director, Center for Integrated Protein Science Munich (CIPSM)
- **Oliver Behrend**, Managing Director, Munich Center for Neurosciences – Brain & Mind (MCN)
- **Martin Biel**, Professor, Department of Chemistry and Pharmacology



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- **Lena Bouman**, Academic Coordinator (Natural Sciences and Medicine), Center for Advanced Studies (CASLMU)
- **Maria Dahmen**, PhD student, TUM, CIPSM, Laboratory of Stephan Sieber
- **Stephan Direnberger**, Postdoctoral Fellow, LMU, Neurobiology, Department Biology II, Laboratory of Lars Kunz
- **Stefan Endres**, Professor, LMU, Division of Clinical Pharmacology
- **Christoph Freier**, PhD student, LMU, Division of Clinical Pharmacology, Laboratory of Stefan Endres
- **Simone Glasl**, Project Manager, International Cooperation LMUexcellent
- **Magdalena Götz**, Professor, LMU, HMGU
- **Simon Grassmann**, PhD student, LMU, Division of Clinical Pharmacology, Laboratory of Stefan Endres
- **Benedikt Grothe**, Professor, LMU, Department Biology II
- **Sami Hassan**, PhD student, LMU, Department of Pharmacy – Center for Drug Research, Laboratory of Martin Biel
- **Andreas Herz**, Professor, LMU, Computational Neuroscience, Department Biology II
- **Wolfgang Heydenreuther**, PhD student, CIPSM, TUM, Laboratory of Stephan Sieber
- **Ilona Kadow**, PI, MPI of Neurobiology, Sensory Neurogenetics Group
- **Stefan Keplinger**, PhD student, LMU, Neurobiology, Department Biology II, Laboratory of Lars Kunz
- **Martin Kerschensteiner**, Professor, LMU, Institute of Clinical Neuroimmunology
- **Sebastian Kobold**, Postdoctoral Fellow, LMU, Division of Clinical Pharmacology, Laboratory of Stefan Endres
- **Max Koch**, PhD student, CIPSM, TUM, Laboratory of Stephan Sieber
- **Lars Kunz**, PI, LMU, Neurobiology, Department Biology II
- **Stefan Lauterbach**, Head of LMU International Office
- **Christian Leibold**, Professor, LMU, Neurobiology, Department Biology II
- **Stefan Lichtenthaler**, Professor, TUM, German Center for Neurodegenerative Diseases
- **Giacomo Masserdotti**, Postdoctoral Fellow, LMU, HMGU, Laboratory of Magdalena Götz
- **Alexander Mathis**, Postdoctoral Fellow, LMU, Computational Neuroscience, Department Biology II
- **Martha Merrow**, Professor, LMU, Institute of Medical Psychology
- **Stylios Michalakis**, PI, LMU, CIPSM, Laboratory of Martin Biel
- **Elisa Murenu**, PhD student, LMU, HMGU, Laboratory of Magdalena Götz
- **Mike Myoga**, Postdoctoral Fellow, LMU, Department Biology II, Laboratory of Benedikt Grothe
- **Dinu M. Pătirniche**, PhD Student, LMU, Neurobiology, Department Biology II, Laboratory of Andreas Herz
- **Michael Pecka**, Postdoctoral Fellow, LMU, Department Biology II, Laboratory of Benedikt Grothe
- **Arshan Perera**, PhD student, LMU, Department of Pharmacy – Center for Drug Research, Laboratory of Martin Biel
- **Ulrich Pohl**, Vice-President for International Affairs, LMU
- **Johannes Raps**, PhD student, LMU, Division of Clinical Pharmacology, Laboratory of Stefan Endres
- **Simon Rothenfusser**, Professor, LMU, Division of Clinical Pharmacology
- **Andreas Schmidt**, Postdoctoral Fellow, LMU, Department of Molecular Biology, Laboratory of Stefan Endres
- **Sarah Schneider**, PhD student, LMU, HMGU Laboratory of Leda Dimou
- **Matthias Schönberger**, PhD student, LMU, Department of Chemistry and Pharmacy, Laboratory of Dirk Trauner
- **Stephan Sieber**, Professor, CIPSM, TUM
- **Dirk Trauner**, Professor, LMU, Department of Chemistry and Pharmacy
- **Habibe Ucpunar**, PhD student, MPIN, Laboratory of Ilona Kadow

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