

23–25 OCTOBER 2013

# EMBO Members Meeting 2013 Programme

## Wednesday 23 October

12:00–13:00	BUFFET LUNCH	EMBL Operon Foyer
13:00	<b>Maria Leptin</b>	<b>Welcome</b> EMBO Director
<b>SESSION 1</b>	<b>Denise Barlow</b> CHAIR	CeMM – Center for Molecular Medicine, Vienna, AT
13:10	<b>Laura Machesky</b>	Signaling to actin dynamics for migration and invasion The Beatson Institute for Cancer Research, Glasgow, UK
13:30	<b>Jos M.M. Jonkers</b>	Studying therapy response and resistance in mouse models of breast cancer The Netherlands Cancer Institute, Amsterdam, NL
13:50	<b>Maria Sibilía</b>	The EGFR: Exploring the unexpected Institute of Cancer Research, Medical University of Vienna, Vienna, AT
14:10	<b>Jannie Borst</b>	Molecular basis of the T cell response The Netherlands Cancer Institute, Amsterdam, NL
14:30	<b>Sabine Werner</b>	Parallels between tissue repair and cancer ETH Zurich, Zurich, CH
14:50–15:10	COFFEE	
<b>SESSION 2</b>	<b>Thomas Lindahl</b> CHAIR	Cancer Research UK London Research Institute, Hertfordshire, UK
15:10	<b>Susan Lindquist</b>	The protein folding problem – balancing life and death Whitehead Institute for Biomedical Research & MIT, Cambridge, US
15:30	<b>Jane Clarke</b>	Binding of intrinsically disordered proteins – Is it just a simple protein folding problem? University of Cambridge, Cambridge, UK
15:50	<b>Lucia Banci</b>	Cellular structural biology: From structure to function CERM & Dept. of Chemistry, University of Florence, Sesto Fiorentino (Florence), IT
16:10	<b>Fabrizio d'Adda di Fagagna</b>	The DNA damage response: Relevance in cancer and ageing and the role of non-coding RNAs IFOM (Milan) & IGM-CNR (Pavia), IT
16:30	<b>Michelle Debatisse</b>	Common fragile sites: Mechanisms of instability revisited Institut Curie, Paris, FR
16:50–17:10	COFFEE	
<b>SESSION 3</b>	<b>Félix Rey</b> CHAIR	Institut Pasteur, Paris, FR
17:10	<b>V. Narry Kim</b>	MicroRNA biogenesis Seoul National University, Seoul, KR
17:30	<b>Andrew Z. Fire</b>	RNA breaks DNA, breaks protein Stanford University School of Medicine, Stanford, US
17:50	<b>Torben Heick Jensen</b>	Making and breaking RNA inside human nuclei University of Aarhus, Aarhus, DK
18:10	<b>Eric Miska</b>	RNA: Self <i>versus</i> non-self University of Cambridge, Cambridge, UK
18:30	<b>Michael Sattler</b>	Molecular recognition and dynamics in splicing regulation TU München & Helmholtz Zentrum München, Neuherberg-Oberschleissheim, DE
18:50	<b>Alberto R. Kornblihtt</b>	Chromatin and transcription regulate alternative splicing IFIBYNE-CONICET, Buenos Aires, AR
19:10–20:15	DINNER	EMBL canteen
20:15–22:15	DRINKS	ATC Lounge Bar
22:15		Buses to ISG and Villa Toskana hotels

# Thursday 24 October

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08:30		<i>Bus from Villa Toskana Hotel</i>
08:40		<i>Bus from ISG Hotel</i>
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<b>SESSION 4</b>	<b>Werner W. Franke</b> CHAIR	Deutsches Krebsforschungszentrum (DKFZ), Heidelberg, DE
09:00	<b>Axel Behrens</b>	Stem cell regulation and cancer Cancer Research UK London Research Institute, London, UK
09:20	<b>Cédric Blanpain</b>	Mechanisms regulating skin cancer stem cells Université Libre de Bruxelles, Brussels, BE
09:40	<b>Elaine Fuchs</b>	Skin stem cells in silence, action and cancer The Rockefeller University & HHMI, New York, US
10:00	<b>Nils-Göran Larsson</b>	Mammalian mitochondrial genetics Max Planck Institute for Biology of Ageing, Cologne, DE
10:20	<b>Luca Scorrano</b>	Keeping mitochondria in shape: A matter of life, death and differentiation Venetian Institute of Molecular Medicine, Padova, IT
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10:40–11:00	COFFEE BREAK	EMBL Operon Foyer
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<b>SESSION 5</b>	<b>Frank Uhlmann</b> CHAIR	Cancer Research UK London Research Institute, London, UK
11:00	<b>Manuela Baccarini</b>	Deciphering the ERK pathway <i>in vivo</i> Center for Molecular Biology, Vienna, AT
11:20	<b>Francesco Cecconi</b>	The autophagy signalling network in cell fate decisions University of Rome 'Tor Vergata', Rome, IT
11:40	<b>Pascal Genschik</b>	Selective proteolysis in plant cell signalling Institut de Biologie Moléculaire des Plantes du CNRS, Strasbourg, FR
12:00	<b>Urs Jenal</b>	Role of second messenger signaling in bacterial growth and behavior Biozentrum of the University of Basel, Basel, CH
12:20	<b>Béla Novák</b>	Bistable switches of cell reproduction University of Oxford, Oxford, UK
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12:40–13:40	LUNCH	EMBL canteen
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<b>SESSION 6</b>	<b>Jason W. Chin</b> CHAIR	MRC Laboratory of Molecular Biology, Cambridge, UK
13:40	<b>Rolf Apweiler</b>	Organising protein information EMBL-European Bioinformatics Institute, Hinxton, Cambridge, UK
14:00	<b>Sarah Teichmann</b>	Gene expression genomics in T cells EMBL-European Bioinformatics Institute, Hinxton, Cambridge, UK
14:20	<b>Ewan Birney</b>	Genomic analysis – from gene structure to big data EMBL-European Bioinformatics Institute, Hinxton, Cambridge, UK
14:40	<b>Chris Ponting</b>	Cellular functions of long non-coding RNAs MRC Functional Genomics Unit, Oxford, UK
15:00	<b>Shankar Balasubramanian</b>	Chemical biology of the genome University of Cambridge, Cambridge, UK
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15:20–15:40	COFFEE BREAK	EMBL Operon Foyer
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<b>SESSION 7</b>	<b>Michael Way</b> CHAIR	Cancer Research UK London Research Institute, London, UK
15:40	<b>Urs Greber</b>	Virus navigation in cells Institute of Molecular Life Sciences, University of Zurich, Zurich, CH
16:00	<b>Ludger Johannes</b>	The sweet smell of greasy portals – new paths into cells Institut Curie, Paris, FR
16:20	<b>Thomas Surrey</b>	Reconstituting the microtubule cytoskeleton Cancer Research UK London Research Institute, London, UK
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16:40–17:00	COFFEE BREAK	EMBL Operon Foyer
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17:00	<b>EMBO Members Forum</b>	
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19:00	<i>Bus to Restaurant Grenzhof</i>	
19:30	<b>APÉRITIF</b>	
20:15	<b>DINNER</b>	
23:00	<i>Buses to ISG and Villa Toskana hotels</i>	
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# Friday 25 October

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08:30		<i>Bus from Villa Toskana Hotel</i>
08:40		<i>Bus from ISG Hotel</i>
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<b>SESSION 8</b>	<b>Erik Boye</b> CHAIR	Institute for Cancer Research, Oslo, NO
09:00	<b>Ronen Alon</b>	Chemotactic cues for leukocyte crossing of endothelial barriers Weizmann Institute, Rehovot, IL
09:20	<b>Paul Martin</b>	Parallels between inflammation in wound healing and cancer University of Bristol School of Medical Sciences, Bristol, UK
09:40	<b>Jiří Friml</b>	Polarity and patterning in plant development Institute of Science and Technology Austria, Klosterneuburg, AT
10:00	<b>William Martin</b>	Early evolution: Getting anaerobic eukaryotes into the picture Institute of Molecular Evolution, Düsseldorf, DE
10:20	<b>Clifford Tabin</b>	Morphogenesis of the vertebrate gut: From physical forces to stem cells Harvard Medical School, Boston, US
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10:40–11:00	COFFEE BREAK	EMBL Operon Foyer
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<b>SESSION 9</b>	<b>Bassem Hassan</b> CHAIR	VIB–KU Leuven School of Medicine, Leuven, BE
11:00	<b>Antoine Triller</b>	Synapse stability and plasticity: From super-resolution to chemistry <i>in cellula</i> Institute of Biology of the ENS, Paris, FR
11:20	<b>Nancy Papalopulu</b>	Ultradian oscillations, progenitor maintenance and the timing of neuronal differentiation University of Manchester, Manchester, UK
11:40	<b>Andreas Lüthi</b>	Defining the neuronal circuitry of fear Friedrich Miescher Institute for Biomedical Research, Basel, CH
12:00	<b>May-Britt Moser</b>	Brain, space and memory Kavli Institute for Systems Neuroscience, Trondheim, NO
12:20	<b>Thomas Preat</b>	Two decades of long-term memory study in <i>Drosophila</i> : From behavior to brain imaging CNRS-ESPCI, Paris, FR
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12:40–13:40	LUNCH	EMBL canteen
13:30	COFFEE	EMBL Operon Foyer
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<b>SESSION 10</b>	<b>Detlef Weigel</b> CHAIR	MPI for Developmental Biology, Tübingen, DE
13:40	<b>Paola Bovolenta</b>	From neural development to neurodegeneration Centro de Biología Molecular ‘Severo Ochoa’, CSIC-UAM, Madrid, ES
14:00	<b>Ulrike Gaul</b>	Decoding transcription control in <i>Drosophila</i> development Gene Center, LMU, Munich, DE
14:20	<b>William A. Harris</b>	Development of the zebrafish retina University of Cambridge, Cambridge, UK
14:40	<b>François Schweisguth</b>	Looking at binary fate decisions live Institut Pasteur–CNRS, Paris, FR
15:00	<b>Michel Labouesse</b>	Mechanical forces and tissue elongation Institute of Genetics and Molecular and Cellular Biology, Illkirch, FR
15:20	<b>Cosima T. Baldari</b>	Regulation of vesicular trafficking at the immune synapse by the intraflagellar transport system University of Siena, Siena, IT
15:40	<b>Raúl Méndez</b>	Translational control of cell cycle by the CPEB family of RNA-binding proteins Institut de Recerca Biomedica (IRB), Barcelona, ES
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16:00	<b>Maria Leptin</b>	<b>Closing address</b> EMBO Director
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# Useful information

## Telephone numbers

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ISG Hotel

**+49 (0) 6221 38610**

Villa Toskana Hotel

**+49 (0) 6224 82920**

Restaurant Grenzhof

**+49 (0) 6202 9430**

Heidelberg taxi company

**+49 (0) 6221 302030**

EMBO reception

**+49 (0) 6221 8891 130**

Laura Alvarez mobile phone

**+49 (0) 152 2416 2949**

## Bus schedule

Company: Hoffmann Reisen GmbH

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### Wednesday | 23 October

Bus to ISG & Villa Toskana hotels (from EMBL bus stop opposite EMBO building)

**22:15**

### Thursday | 24 October

Bus from Villa Toskana Hotel to EMBL

**08:30**

Bus from ISG Hotel to EMBL

**08:40**

Buses to Restaurant Grenzhof (from EMBL bus stop opposite EMBO building)

**19:00**

Bus from Restaurant Grenzhof to ISG & Villa Toskana hotels

**23:00**

### Friday | 25 October

Bus from Villa Toskana Hotel to EMBL

**08:30**

Bus from ISG Hotel to EMBL

**08:40**

### Public bus Monday – Friday

To Heidelberg town centre, **Bismarckplatz**, from the EMBL bus stop

**14:11 | 16:11 | 17:11 | 18:11 | 19:11**

*Ticket from the driver around €2.30*

## Addresses

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### HOTELS

#### ISG

Im Eichwald 19

69126 Heidelberg

#### Villa Toskana

Hamburger Straße 4–8

69181 Leimen/Heidelberg

#### Restaurant Grenzhof

Grenzhof 9

69123 Heidelberg

#### EMBO & EMBL

Meyershofstraße 1

69117 Heidelberg