

16th May – 18th May 2018

FREE
ADMISSION

International Hepatitis Symposium Heidelberg

Ralf Bartenschlager's 60th Birthday Symposium (16th)

AND

International Symposium of the TRR179 (17th to 18th)

Confirmed Speakers:

Andrea Ablasser, Lausanne
Andreas Bergthaler, Vienna
Eva Billerbeck, New York
Maura Dandri, Hamburg
Carlo Ferrari, Parma
Markus Heim, Basel
Matteo Iannacone, Milan
Stanley M. Lemon, Chapel Hill
Wenhui Li, Peking
Mala Maini, London
Darius Moradpour, Lausanne
Christine Neuveut, Paris
Thomas Pietschmann, Hannover
Barbara Reherrmann, Bethesda
Charles M. Rice, New York
Naglaa Shoukry, Montreal
John E. Wherry, Philadelphia
Adam Zlotnick, Bloomington



Please register at <http://www.trr179.de/en/news/symposium> until 15th April 18



MOLECULAR VIROLOGY | HEIDELBERG

**Ralf Bartenschlager's 60th Birthday
Symposium**

Symposium Chair:

PD Dr. Volker Lohmann

Department of Infectious Diseases,
Molecular Virology,
Heidelberg University Hospital;

Organizing Committee:

PD Dr. Volker Lohmann
Dr. Sandra Bühler
Dr. Catherine Moreau
Steffi Schimang

Conference Language:

The conference language will be English.

Registration: Admission free! Please register until 15th April 2018

<http://www.trr179.de/en/news/symposium/>

Contact:

Dr. Sandra Bühler or Steffi Schimang, Department of Infectious Diseases, Molecular Virology,
Im Neuenheimer Feld 344, 69120 Heidelberg
Tel.: +49 6221 56 7895 or 7598

International Symposium of the TRR179

Symposium Chairs:

Prof. Dr. Ralf Bartenschlager

Department of Infectious Diseases,
Molecular Virology,
Heidelberg University Hospital;
Research Division 'Virus-associated
Carcinogenesis',
German Cancer Research Center Heidelberg;
German Centre for Infection Research (DZIF
e.V.)

Prof. Dr. Robert Thimme

Department of Internal Medicine II,
University Hospital Freiburg

Prof. Dr. Ulrike Protzer

Institute of Virology,
TU München/ Helmholtz Zentrum München;
German Centre for Infection Research (DZIF
e.V.)

Organizing Committee:

Prof. Dr. Ralf Bartenschlager
Prof. Dr. Robert Thimme
Prof. Dr. Ulrike Protzer
Dr. Sandra Bühler
Dr. Catherine Moreau
Steffi Schimang

AGENDA Ralf Bartenschlager's 60th Birthday Symposium

Wednesday, 16th May 2018

10:00 Welcome addresses

11:00 **Darius Moradpour, Lausanne, Switzerland**

11:45 – 13:00

LUNCH

Foyer DKFZ Communication Center

13:00 **Michael Nassal, Freiburg, Germany**

13:20 **Ursula Klingmüller, Heidelberg, Germany**

13:40 *tba*

14:00 **Rene Devos, St. Albans, United Kingdom**

14:20 **Matthias Reddehase, Mainz, Germany**

14:40 **Thomas Pietschmann, Hannover, Germany**

15:00 **David Paul, Cambridge, United Kingdom**

15:30 – 16:00

COFFEE BREAK

Foyer DKFZ Communication Center

16:00 **Laurent Chatel-Chaix, Montreal, Canada**

16:20 **Marco Binder, Heidelberg, Germany**

16:40 **Stefan Seitz, Heidelberg, Germany**

17:00 **Mathias Heikenwälder, München and Heidelberg, Germany**

17:20 **Stephan Urban, Heidelberg, Germany**

17:40 **Charles Rice, New York, USA**

18:15 – 20:30

TRR179 Welcome Reception

Foyer DKFZ Communication Center

AGENDA International Symposium of the TRR179

Thursday, 17th May 2018

09:00 Welcome address
Ralf Bartenschlager

Inflammation and Microbiome
Chairman: Hartmut Hengel

09:20 Role of microbiota in host fitness
Barbara Rehermann, Bethesda, USA

09:45 Molecular mechanisms of viral diseases and inflammation
Andreas Bergthaler, Vienna, Austria

10:10 Lymphotoxin β receptor signalling-dependent control of virus clearance in chronic hepatitis B virus and hepatitis C virus infections
Mathias Heikenwälder TRR179

10:25– 10:50

COFFEE BREAK

Foyer DKFZ Communication Center

Innate Immune Response
Chairman: Andreas Pichlmair

10:50 Intracellular DNA sensing strategies
Andrea Ablasser, Lausanne, Switzerland

11:15 Dissecting NK cell-mediated immune responses against hepatitis B virus and hepatitis C virus infection
Adelheid Cerwenka TRR179

11:30 Mechanisms of interferon induction by hepatitis D virus and impact of chronic innate immune activation on antiviral immunity
Veit Hornung/Percy Knolle TRR179

11:45 Strategies to harness an effective antiviral response targeting hepatitis B virus
Ursula Klingmüller/Jens Timmer TRR179

- 12:00 Global effects on host cell signalling by continuous stimulation of innate antiviral responses in persistent viral infections
Marco Binder/Andreas Pichlmair TRR179
- 12:15 Role of innate immune response in HCV infection
Markus Heim, Basel, Switzerland

12:45 – 13:45

LUNCH

Foyer DKFZ Communication Center

In Vivo Imaging and Mouse Models

Chairman: Percy Knolle

- 13:45 Pathogenetic mechanisms underlying liver immunopathology during viral hepatitis
Matteo Iannacone, Milan, Italy
- 14:10 Molecular mechanisms of HBV and HDV persistence
Maura Dandri, Hamburg, Germany
- 14:35 Dynamics of antiviral T cell immunity against viral infection of the liver
Dirk Wohlleber/Vasilis Ntziachristos TRR179
- 14:50 Mouse models of acute and chronic hepatitis B infection
Eva Billerbeck, New York, USA

Cell biology of hepatitis virus replication

Chairman: Dirk Grimm

- 15:15 Unravelling the role of DNA repair in the formation of the hepatitis B virus cccDNA persistence reservoir
Sabrina Schreiner/Michael Nassal TRR179
- 15:30 Contribution of innate immune response to persistence versus clearance of hepatitis C virus and hepatitis A virus infections
Volker Lohmann TRR179
- 15:45 *tba*
Alessia Ruggieri TRR179
- 16:00 Means of modification and degradation of hepatitis B virus cccDNA
Ulrike Protzer/ Dirk Grimm TRR179

16:15 – 16:45

COFFEE BREAK

Foyer DKFZ Communication Center

Chairman: Michael Nassal

- 16:45 Mechanisms regulating HBV cccDNA transcription and persistence
Christine Neuveut, Paris, France
- 17:10 Assembly and Misassembly of HBV capsids
Adam Zlotnick, Bloomington, USA
- 17:35 Determinants of success and failure to control hepatitis C virus infection by the interferon system
Ralf Bartenschlager TRR179
- 17:50 Hepatitis B virus X-protein-mediated transcriptional regulation and stability of cccDNA
Stephan Urban TRR179
- 18:05 HBV entry
Wenhui Li, Peking, China
- 18:30 Cellular egress and entry of quasi-enveloped hepatitis A virus
Stanley M. Lemon, Chapel Hill, USA

19:00 –

SPEAKERS' DINNER

Castle Schriesheim – Bus transfer

Friday, 18th May 2018

Adaptive Immune Response

Chairman: Robert Thimme

- 09:15 T cell exhaustion in chronic HBV infection **or** T cell exhaustion in chronic HBV infection and potential correction strategies
Carlo Ferrari, Parma
- 09:40 Protective immunity against HCV, insights from reinfection studies
Naglaa Shoukry, Montreal, Canada; Cooperation CanHepc

- 10:05 Characterization of follicular T helper cell responses in viral hepatitis
Tobias Böttler TRR179
- 10:20 Mechanisms of antiviral therapy-induced virus-specific CD8+ T cell restoration in chronic viral hepatitis
Maike Hofmann/Robert Thimme TRR179
- 10:35 Role of myeloid cells in the liver for antiviral immunity
Percy Knolle TRR179
- 10:50 Viral escape from dominant virus-specific CD8+ T cell responses in hepatitis B virus (HBV) mono-infection and HBV/hepatitis D virus co-infection and strategies to restore antiviral CD8+ T cell response
Christoph Neumann-Häfelin TRR179

10:50 – 11:20

COFFEE BREAK

Foyer DKFZ Communication Center

- 11:20 Immune correlates of viral persistence and liver damage
Mala Maini, London
- 11:45 T-cell exhaustion
John E. Wherry, Philadelphia
- 12:10 Farewell
Ralf Bartenschlager, Robert Thimme and Ulrike Protzer

12:15–

LUNCH FOR TAKE AWAY

Foyer DKFZ Communication Center