



Current Positions

Division head *Virus-associated Carcinogenesis*, F170
German Cancer Research Center, Heidelberg

Division head *Molecular Virology*, Department of Infectious Diseases,
Heidelberg University

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Research Expertise & Interests

- Virus - host cell interaction (esp. hepatitis viruses)
- Immune mechanisms underlying viral persistence
- Structural and functional aspects of viral replication and antiviral intervention

Academic Education and University Degrees

1999	Habilitation, University of Mainz; Germany
1987-1990	Ph.D. in Molecular Biology, Heidelberg University, Germany
1981-1987	Studies in Biology at Heidelberg University, Germany

Professional Experience

2014-present	Head of the division F170 "Virus-associated carcinogenesis" DKFZ, Heidelberg
2002-present	Full professor and head of Molecular Virology, Department of Infectious Diseases, Heidelberg University
2000-2002	Full professor for molecular virology (C3), Institute for Virology, University of Mainz
1999-2000	Associate professor at the Institute for Virology, University of Mainz, Germany
1994-1999	Assistant professor at the Institute for Virology, University of Mainz, Germany
1991-1993	Postdoctoral research fellow at the central research unit of Hoffmann-La Roche AG, Basel, Switzerland

Coordinating functions

2014-present	Coordinator Research Program Infection, Inflammation & Cancer, German Cancer Research Center Heidelberg, Germany
2014-present	Member of the Strategy Board German Cancer Research Center Heidelberg, Germany
2013-present	Co-coordinator DZIF-TTU Hepatitis
2009-2015	Speaker DFG research unit FOR1202 "Mechanisms of persistence of hepatotropic viruses"
2008-present	Major (elected) reviewer German Research Council ('Fachkollegium DFG')
2008-present	Member of the steering committee CellNetworks, Heidelberg University
2005-present	Coordinator of the Doctoral Study Program of the Department of Infectious Diseases and the Master/ Major 'Infectious Diseases'

Honors and Awards

2016	Lasker Award, jointly awarded with Charles M. Rice and Michael Sofia
2015	Robert Koch Prize, jointly awarded with Charles M. Rice
2013	Lautenschläger Research Prize
since 2013	Member of the German Academy of Sciences Leopoldina
2008	Behring Lecture

2006	Aschoff Medal
2002	William Prusoff Young investigator award
2001	Löffler-Frosch Preis of the Society for Virology
2000	Robert-Koch Research fellow award
1991	Award for the best Ph.D. thesis from the Heidelberg Society for Molecular Biology

Key Publications

- Seitz, S. *et al.* A Slow Maturation Process Renders Hepatitis B Virus Infectious. *Cell host & microbe* **20**, 25-35 (2016).
- Bender, S. *et al.* Activation of Type I and III Interferon Response by Mitochondrial and Peroxisomal MAVS and Inhibition by Hepatitis C Virus. *PLoS pathogens* **11**, e1005264 (2015).
- Hiet, M. S. *et al.* Control of temporal activation of hepatitis C virus-induced interferon response by domain 2 of nonstructural protein 5A. *Journal of hepatology* **63**, 829-837 (2015).
- Ruggieri A. *et al.* Dynamic oscillation of translation and stress granule formation mark the cellular response to virus infection. *Cell Host Microbe* **12**:71-85. (2012)
- Dazert, E. *et al.* Loss of viral fitness and cross-recognition by CD8+ T cells limit HCV escape from a protective HLA-B27-restricted human immune response. *The Journal of clinical investigation* **119**, 376-386 (2009).
- Welsch S. *et al.* Composition and three-dimensional architecture of the dengue virus replication and assembly sites. *Cell Host Microbe*. Apr 23;5(4):365-75. (2009)
- Meylan, E. *et al.* Cardif is an adaptor protein in the RIG-I antiviral pathway and is targeted by hepatitis C virus. *Nature* **437**, 1167-1172 (2005).
- Wakita, T*, Pietschmann T*, [...], Bartenschlager R*, Liang TJ. Production of infectious hepatitis C virus in tissue culture from a cloned viral genome. *Nature Medicine* **11**:791-796. (2005) *equal contribution
- Pietschmann T. *et al.* Construction and characterization of infectious intragenotypic and intergenotypic hepatitis C virus chimeras. *Proc Natl Acad Sci U S A*. May 9;103(19):7408-13. (2006)
- Lohmann V. *et al.* Replication of subgenomic hepatitis C virus RNAs in a hepatoma cell line. *Science* **285**:110-113. (1999)

For a more detailed publication list see following link on pubmed:
<http://www.ncbi.nlm.nih.gov/pubmed/?term=Ralf+Bartenschlager>