

Curriculum Vitae Prof. Dr. Oliver Schildgen

• PERSONAL INFORMATION

Name: Prof. Dr. rer. nat. Oliver Ernst Schildgen

Date and City of Birth: 23.07.1974 in Nuremberg, Germany

• EDUCATION

25.09.2013 Certification in Medical Virology (Fachvirologe) of the German Society for Virology (GfV)

17.10.2012 Professorship, Private University of Witten/Herdecke

22.11.2006 Habilitation and *venia legendi* (Privatdozent), University of Bonn

09.01.2002 Dr. rer. nat. (PhD), University of Essen, Supervisor: Prof. Dr. M. Roggendorf

19.08.1998 Diploma in Biology, University of Cologne

• CURRENT POSITION

since 2009 Head of Molecular Pathology Unit in the Institute of Pathology, Hospital of the Private University Witten/Herdecke

• PREVIOUS POSITIONS

2002-2009 Postdoctoral Researcher, from 2006 independent research group leader, Institute for Virology, University of Bonn, Bonn, Germany

1999-2001 PhD researcher (Biologist), University Hospital Essen; Radiation Safety Officer, Essen, Germany

1998-1999 Researcher at the Institute for Genetics and the Max Planck Institute for Neurology, Cologne, Germany

• AWARDS

2015 Nominee and Finalist for the Medizin-Management-Award

2014 Wolfgang-Stille-Award of the Paul-Ehrlich-Society (P.E.G.) for Chemotherapy

2014 Commendation of the Lord Major of the City of Cologne for Voluntary Commitment

2013 International Hygiene Award of the Rudolf Schülke Foundation

2011 International Abbott Diagnostic Award of the European Society for Clinical Virology

2010 International Meteka-Award of the Austrian Society for Microbiology (ÖGHMP)

2010 Science Award of the German Society for Hospital Hygiene (DGKH)

2009 Clinical Virology Award for from the German Society for Virology (GfV)

2009 DGPI Science Award of the German Society for Pediatric Infectious Diseases (DGPI)

2007 Nominee and Finalist *Paul Ehrlich and Ludwig Darmstädter Young Investigators Award*

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

ongoing: 2 PhD thesis (Private University Witten/Herdecke)

finished: 1 PhD thesis (University of Bonn)

1 PhD thesis (Private University Witten/Herdecke)

3 Diploma theses (University of Bonn)

3 M.Sc. theses (Bonn-Rhein-Sieg University of Applied Sciences)

17 B.Sc. theses (Bonn-Rhein-Sieg University of Applied Sciences)

• TEACHING ACTIVITIES

since 2012 Professor for Virology, Private University of Witten/Herdecke

2011-2012 Privatdozent/Lecturer, Private University of Witten/Herdecke

2006-2011 Privatdozent/Lecturer, University of Bonn

2002-2006 Postdoctoral Lecturer, University of Bonn

- **INSTITUTIONAL ACTIVITIES**

since 2012 Member of the Faculty of Health, Private University of Witten/Herdecke

- **COMMISSION OF TRUST**

since 2015 Editor-in-Chief of Reviews in Medical Microbiology

since 2014 Academic Editor of Medicine®

since 2013 Academic Editor of PloS One

since 2011 Member of the Advisory Board of Archives of Virology

since 2009 Academic Editor of Reviews in Medical Microbiology

2015 Expert Evaluator for the Austrian Jubilee Fond

2015 Expert Evaluator for the Belgian Ministry of Health

2015 Expert Evaluator for The Netherlands Organisation for Health Research and Development

2012 Expert Evaluator for the Belgian Ministry of Health

2012 Expert Evaluator for the Latvian Research Council

2010 Expert Evaluator for the Italian Research foundation

2009 Expert Evaluator for the Polish Research Council

2007 Expert Evaluator for the European Commission for the first call in the FP7 HEALTH priority

2007 Contribution to the EU roadmap “Ageing research in Europe”

2005-2009 Coordinator of the FP6 EU project *Immune response to viral respiratory infections and vaccination in the elderly (RespViruses)*

since 2005 peer-reviewer for New England Journal of Medicine, British Medical Journal, Clinical Infectious Diseases, Emerging Infectious Diseases, Immunology, Antiviral Therapy, Archives of Virology, Infection, Journal of Infection, Nature Protocols, Infection and Epidemiology, Pediatric Infectious Disease Journal, Scandinavian Journal of Infectious Diseases, Intervirology, PLoS One, Respiratory Medicine, Journal of Allergy and Clinical Immunology, Pediatric Pulmonology, European Journal of Microbiology and Infectious Diseases, BMC Infectious Diseases, Influenza and other Respiratory Viruses, Science of the Total Environment, Viruses, Clinical and Developmental Immunology, Analitica Chimica Acta, Cellular Physiology and Biochemistry, Diagnostic Microbiology and Infectious Disease, and further Journals

- **INVITED AND KEYNOTE LECTURES (selection)**

2010 Invited Keynote speaker at the Medical Physiology 2010 conference, Cambridge, UK

2009 Invited Keynote speaker for the WHO sponsored International Symposium on Viral respiratory disease Surveillance, Seville, Spain 2009

2007 Invited Keynote Speaker at the 3rd Symposium of the European Union Geriatric Medicine Society Infections in Older People, Frankfurt a.M., Germany

2007 Invitation by the Università di Siena, Italy, for a scientific presentation at the Medical Faculty

2006 Invitation as a speaker at the 14th International Symposium on HIV and Emerging Infectious Diseases, Toulon, France

2006 Invitation as a speaker at the 2nd International Workshop on HIV and hepatitis Coinfection, Amsterdam, The Netherlands

2005 Invitation as a speaker at the 1st International Workshop on HIV and hepatitis Coinfection, Nordwijk, The Netherlands

- **MEMBERSHIP OF SCIENTIFIC SOCIETIES**

Member of German Society for Virology

Member of European Society for Clinical Virology

Member of European Society for Paediatric Infectious Diseases

Member of the European Society for Microbiology and Infectious Diseases

Member of the American Society for Microbiology

- **MAJOR COLLABORATIONS**

Maria Söderlund-Venermo, Helsinki, Finland

Bertfried Matz, Bonn/Freiburg, Germany

Jianming Qiu, Kansas, USA

Dirk Grimm, Heidelberg, Germany

- **CAREER BREAKS**

May 2011 until April 2012 partial parental leave, reduction of working time

October 2014 until September 2015 partial parental leave, reduction of working time

- **10 most relevant papers**

- **Oliver Schildgen**, Hueseyin Sirma, Anneke Funk, Cynthia Olotu, Ulrike C. Wend, Heinz Hartmann, Martin Helm, Jürgen K. Rockstroh, Wulf R. Willems, Hans Will, Wolfram H. Gerlich (2006): Variant of hepatitis B virus with primary resistance to adefovir; *The New England Journal of Medicine*, 354 (17), 1807-1812
- Ronald Dijkman, Sylvie M. Koekkoek, Richard Molenkamp, **Oliver Schildgen** and Lia van der Hoek: Human bocavirus can be cultured in differentiated human airway epithelial cells; *Journal of Virology* (2009), 83(15):7739-48, doi:10.1128/JVI.00614-09
- Jessica Lüsebrink, Verena Schildgen, Ramona-Liza Tillmann, Felix Wittleben, Anne Böhmer, Andreas Müller, and **Oliver Schildgen** (2011): Detection of Head-to-Tail DNA sequences of human bocavirus in 1 clinical samples; *PLoS One*, 4;6(5):e19457, DOI: 10.1371/journal.pone.0019457
- Magali Darniot, Verena Schildgen, **Oliver Schildgen**, Brian Sproat, Michael Kleines, Vanessa Ditt, Cécile Pitoiset, Pierre Pothier, Catherine Manoha (2012): RNA Interference *in vitro* and *in vivo* using DsiRNA targeting the nucleocapsid N mRNA of Human metapneumovirus; *Antiviral Therapy*, 93:364-373
- Verena Schildgen, Monika Malecki, Ramona-Liza Tillmann, Michael Brockmann, **Oliver Schildgen** (2013): The human bocavirus is associated with some lung and colorectal cancers and persists in solid tumors. *PLoS One*, 8(6):e68020
- **Oliver Schildgen**, Jianming Qiu, Maria Söderlund-Venermo (2012): Genomic features of human bocavirus. *Future Virology*, 7 (1), 31-39
- Wolfram Windisch, Verena Schildgen, Monika Malecki, Johannes Lenz, Michael Brockmann, Christian Karagiannidis, **Oliver Schildgen** (2013): Detection of HBoV DNA in idiopathic lung fibrosis, Cologne, Germany. *Journal of Clinical Virology*, 58 325– 327
- Verena Schildgen, Stephanie Mai, Soumaya Khalfaoui, Jessica Lüsebrink, Monika Pieper, Ramona Liza Tillmann, Michael Brockmann, and **Oliver Schildgen** (2014): *Pneumocystis jirovecii* can be productively cultured in differentiated CuFi-8 airway cells. *mBio®*, Volume 5 Issue 3 e01186-14
- Damaris Kukuk & **Oliver Schildgen** (2015): Isolation of nascent DNA fragments from cells synchronously infected with HSV-1 reveals bidirectional initiation of replication at oriL. *Future Virology*, *Future Virology*, 10 (3): 211-219
- Soumaya Khalfaoui, Vivien Eichhorn, Christian Karagiannidis, Inga Bayh, Michael Brockmann, Monika Pieper, Wolfram Windisch, **Oliver Schildgen**, and Verena Schildgen (2016) Lung infection by human bocavirus induces the release of profibrotic mediator cytokines *in vivo* and *in vitro*. *PLOS ONE*, in press