

Publication List Prof. Dr. rer. nat. Oliver Schildgen (15.12.2016)

Overview/Statistics

Type of Publication	1 st Authorship/ equally contributed		Co-Authorship		Senior- Authorship		total
	B	A	B	A	B	A	
<i>before/ after Habilitation</i>							
Originals	11	1	3	23	0	18	56
Case Reports	3	-	-	10	0	15	28
Reviews	1	10	-	2	-	15	31
Letters (peer-reviewed)	3	6	-	1	1	17	28
	total						143
Posters and Talks with Impact-Factor	8		14		8		31
Posters and Talks w/o Impact-Factor	45		15		28		107
Book Articles	6		3		7		16
Pending Patents	2		-		-		2
Softwarecopyright	-		1		-		1

Habilitation Thesis:

Oliver Schildgen: Untersuchungen zur Therapie der chronischen Hepatitis B Virus Infektion; Rheinische Friedrich Wilhelms Universität Bonn, November 2006

PhD Thesis:

Oliver Schildgen: Identifizierung einer O-Glykosylierungsstelle der Woodchuck Hepatitis Virus (WHV) preS2-Domäne und deren Einfluß auf den intrazellulären Transport des middle surface antigen (WHmsAg), Universität Essen, Januar 2002

Diploma Thesis:

Oliver Schildgen: Molekularbiologische Untersuchungen der Pathogenitätsdeterminanten verschiedener Echovirus 9 Stämme, Universität zu Köln, Juni 1998

A. Originals (Impactfactors in Brackets)

before "Habilitation":

1. Birgit Nelsen-Salz, **Oliver Schildgen**, Marcus Klein, Dirk Hadaschik, Hans J. Eggers, and Holger Zimmermann (1999): Determinants of pathogenicity of ECHO-virus 9 in men: significance for a functional RGD motif; Zent.bl. Bakteriologie. 289, 347-354 (**0.679**)
2. Brigitte M. Pützer, Thorsten Stiewe, Florian Rödicker, **Oliver Schildgen**, Stefan Rühm, Olaf Dirsch, Melanie Fiedler, Uta Dahmen, Bud Tennant, Caren Scherer, Frank L. Graham, and Michael Roggendorf (2001): Large nontransplanted hepatocellular carcinoma in woodchucks: treatment with Adenovirus-mediated delivery of interleukin 12/B7.1 genes; Journal of the National Cancer Institute, 93 (6), 472-9 (**14.240**) (**aus Dissertation entstanden**)
3. **Oliver Schildgen**, Tilman Geikowski, Thomas Glatzel, Arne Simon, Anja Wilkesmann, Michael Roggendorf, Sergei Viazov, and Bertfried Matz (2004): New variant of the human metapneumovirus (HMPV) associated with an acute and severe exacerbation of asthma bronchiale; Journal of Clinical Virology, 31/4 pp. 283-288 (**2.447**)
4. **Oliver Schildgen**, Carl Knud Schewe, Martin Vogel, Martin Däumer, Rolf Kaiser, Lutwin Weitner, Bertfried Matz, and Jürgen Kurt Rockstroh (2004): Successful therapy of hepatitis B with Tenofovir in HIV-infected patients failing previous adefovir and lamivudine treatment; AIDS, 2004, 18(17):2325-7 (**5.893**)
5. **O. Schildgen**, M. Roggendorf and M. Lu (2004): Identification of a glycosylation site in the woodchuck hepatitis virus preS2 protein and its role in protein trafficking J Gen Virol ; 85: 787-793 (**3.327**) (**aus Dissertation entstanden**)
6. **Oliver Schildgen**, Tilman Geikowski, Thomas Glatzel, Jochen Schuster, and Arne Simon (2004): Frequency of human metapneumovirus in the upper respiratory tract of children with symptoms of an acute *Otitis media*. European Journal of Pediatrics, 164 (4), 400-1 (**1.369**)
7. **Oliver Schildgen**, Sascha Gräper, Johannes Blümel, and Bertfried Matz (2004): Genome replication and progeny virion production of herpes simplex virus type 1 mutants with temperature-sensitive lesions in the origin-binding protein; Journal of Virology 2005, 79(11), 7273-8 (**5.398**)
8. **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 (**51.296**)
9. **O. Schildgen**, M. Fiedler, U. Dahmen, J. Li, M. Roggendorf, and M. Lu (2006): Fluctuation of the Cytokine profile in the Liver during the Woodchuck Hepatitis Virus Infection; Immunology Letters, 102(1):31-7 (**2.136**) (**aus Dissertation entstanden**)
10. **Oliver Schildgen**, Michel de Vries, Maarten F. Jebbink, Krzysztof Pyrc, Ronald Dijkman, Arne Simon, Andreas Müller, Bernd Kupfer, and Lia van der Hoek(2006): Identification of cell lines permissive for human Coronavirus NL63; Journal of Virological Methods; 138(1-2):207-10 (**1.886**)
11. Anja Wilkesmann*, **Oliver Schildgen***, Anna-Maria Eis-Hübinger, Tilman Geikowski, Thomas Glatzel, Michael J. Lentze, Udo Bode, Arne Simon (2006): Human Metapneumovirus infections cause similar symptoms and clinical severity as Respiratory Syncytial Virus-infections; European Journal of Pediatrics, 165(7):467-475; (*equally contributed) (**1.369**)
12. Arne Simon*, **Oliver Schildgen***, Anna-Maria Eis-Hübinger, Carola Hasan, Udo Bode, Stefan Buderus, Steffen Engelhart, Gudrun Fleischhack (2006): Norovirus outbreak in pediatric oncology; **Scandinavian Journal of Gastroenterology**, 41(6):693-9, (*equally contributed) (**1.824**)

13. Arne Simon, Karun Khurana, Anja Wilkesmann, Steffen Engelhart, Martin Exner, **Oliver Schildgen**, Anna M. Eis-Hübinger, Jessie R. Groothuis, Udo Bode (2006): Nosocomial Respiratory Syncytial Virus Infection: Impact of Prospective Surveillance and Targeted Infection Control; *International Journal of Hygiene and Environmental Health*, 209(4):317-24 **(1.421)**
14. Maria-Angeles Gonzales-Carmona, Sabine Schüssler, Matthias Serwe, Michael Alt, János Ludwig, Brian S. Sproat, Robin Steigerwald, Per Hoffmann, **Oliver Schildgen**, and Wolfgang H. Caselmann (2006): Hammerhead ribozymes with cleavage site specificity of NUH and NCH as anti-hepatitis C virus agents; *Journal of Hepatology*, 44(6): 1017-25 **(4.816)**
15. Sebastian Völz*, **Oliver Schildgen***, Dennis Klinkenberg, Vanessa Ditt, Andreas Müller, Ramona L. Tillmann, Bernd Kupfer, Udo Bode, Michael J. Lentze, and Arne Simon (2007): Prospective Study of Human Bocavirus (HBoV) Infection in a Pediatric University Hospital in Germany 2005/2006; *J Clin Virol*. 2007, 40(3):229-35. (*equally contributed) **(2.63)**

after “Habilitation”:

16. Ramona Liza Tillmann, Arne Simon, Andreas Müller, and **Oliver Schildgen (2007)**: Sensitive commercial NASBA assay for the detection of Respiratory Syncytial Virus in clinical specimen, *PLoS ONE*. 2007 Dec 26;2(12):e1357 **(4.351)**
17. Amna Rayani, Udo Bode, Elmukhtar Habas, Gudrun Fleischhack, Steffen Engelhart, Martin Exner, **Oliver Schildgen**, Anna Maria Eis-Hübinger, Arne Simon (2007): Rotavirus infection in paediatric oncology: does it matter? A matched pair analysis; *Scandinavian Journal of Gastroenterology*, 42(1):81-7 **(1.824)**
18. Anja Wilkesmann, Roland Amann, **Oliver Schildgen**, Anna M. Eis-Hübinger, Andreas Müller, Jürgen Seidenberg, Christian Rieger, Egbert Hertin, Friedeman Hornschuh, Jessie R. Groothuis, and Arne Simon (2007): Hospitalized children with respiratory syncytial virus infection and neuromuscular impairment face an increased risk of a complicated course; *The Pediatric Infectious Disease Journal*, 26(6):485-91 **(3.047)**
19. Arne Simon, Anja Wilkesmann, Roland Amann, Anna M. Eis-Hübinger, **Oliver Schildgen**, Edda Weimann, Hans U. Peltner, Peter Seiffert, Angela Süss- Grafeo Jessie R. Groothuis, Johannes Liese, Andreas Müller (2007): Respiratory syncytial virus infection in 406 hospitalized premature infants: results from a prospective German multicentre database; *Eur J Pediatr*, 166(12):1273-83 **(1.369)**
20. Arne Simon, Andreas Müller, Karun Khurana, Steffen Engelhart, Martin Exner, **Oliver Schildgen**, Anna M. Eis-Hübinger, Wolfgang Kamin, Thomas Schaible, Karoline Wadas, Anja Wilkesmann, and the DSM RSV Ped Study Group (2008): Nosocomial infection: a risk factor for a complicated course in children with Respiratory syncytial virus infection –Results from a prospective multicentre German surveillance study, *Int J Hyg Environ Health*, 211(3-4):241-50 **(1.421)**
21. Soyhan Bagci, Anna M. Eis-Hübinger, Axel R. Franz, Gabriele Bierbaum, Axel Heep, **Oliver Schildgen**, Peter Bartmann, Bernd Kupfer, Andreas Mueller (2008): Detection of Astrovirus in premarure infants with necrotizing enterocolitis, *Pediatr Infect Dis J.*, 27(4):347-50 **(3.215)**
22. Linda Bonzel, Horst Schroten, Tobias Tenenbaum, **Oliver Schildgen**, Susanne Schweitzer-Krantz, and Ortwin Adams (2008): Diagnosis of Respiratory Virus Coinfections in Children with Respiratory Tract Infection by a Multiplex Real-Time RNA- and DNA- PCR, *Pediatr Infect Dis J.*, 27(7):589-94 **(3.215)**

23. Vanessa Ditt, Sergei Viazov, Ramona Tillmann, Verena Schildgen, and **Oliver Schildgen (2008)**: Genotyping of human Bocavirus using a restriction length polymorphism, *Virus Genes*, 36(1):67-9 (**1.102**)
24. 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 (**5.322**)
25. Anja von Renesse, **Oliver Schildgen**, Dennis Klinkenberg, Andreas Müller, Arpad von Moers, Arne Simon (**2009**): Respiratory syncytial virus infection in hospitalized children but mechanically ventilated for other reasons, *Journal of Medical Virology*;81(1):160-6 (**2.831**)
26. Andreas Müller, Dennis Klinkenberg, Jörg Vehreschild, Oliver Cornely, Ramona Liza Tillmann, Caspar Franzen, Arne Simon, **Oliver Schildgen (2009)**: Low Prevalence of human metapneumovirus and human bocavirus in adult immunocompromised high risk Patients suspected to suffer from *Pneumocystis* Pneumonia; *Journal of Infection*, J Infect. 2009 Mar;58(3):227-31 (**2.844**)
27. Anne Böhmer, Verena Schildgen, Jessica Lüsebrink, Susanne Ziegler, Ramona L. Tillmann, Michael Kleines, and **Oliver Schildgen (2009)**: Novel application for isothermal Nucleic Acid Sequence Based Amplification (NASBA); *Journal of Virological Methods* 158 199–201 (**1.933**)
28. Andreas Müller, Arne Simon, Julia Gillen, Verena Schildgen, Ramona-Liza Tillmann, Karl Reiter, and **Oliver Schildgen (2009)**: Polyomaviruses KI and WU in children with respiratory tract infection; *Archives of Virology*, 154(10):1605-8 (**2.020**)
29. **Oliver Schildgen**, Cynthia Olotu, Anneke Funk, Bernhard Zöllner, Martin Helm, Jürgen Kurt Rockstroh, and Hüseyin Sirma (**2010**): Selection and counterselection of the adefovir resistance mutation rtl233V during antiviral therapy; *Journal of Clinical Microbiology*, 48(2):631-4 (**3.945**)
30. Verena Schildgen, Jessica Lüsebrink, Vanessa Ditt, Ramona Tillmann, Arne Simon, Andreas Müller, and **Oliver Schildgen (2010)**: Human HepG2 cells support RSV and HMPV replication; *Journal of Virological Methods*, 163(1):74-81 (**2.077**)
31. Jessica Lüsebrink, Christoph Wiese, Anne Thiel, Ramona-Liza Tillmann, Vanessa Ditt, Andreas Müller, **Oliver Schildgen**, and Verena Schildgen (**2010**): High seroprevalence of neutralizing capacity against human Metapneumovirus in all age groups, Bonn, Germany; *Clinical and Vaccine Immunology*, 17(3):481-4 (**2.237**)
32. Verena Schildgen, Jessica Lüsebrink, Vanessa Ditt, Ramona Tillmann, Arne Simon, Andreas Müller, **Oliver Schildgen (2010)**: Studies on the natural course of RSV-, HMPV- and

RSV/HMPV-double infections in children in an optimized animal model; *Advances in Biomedical Research*, 106-121; ISSN 1790-5125; ISBN 978-960-474-164-9

33. Jens M. Poth, Christoph Coch, Nicolas Busch, Olaf Boehm, Martin Schlee, Markus Janke, **Oliver Schildgen**, Winfried Barchet, Gunther Hartmann (2010): Monocyte-mediated inhibition of TLR9 dependent IFN- α induction in plasmacytoid dendritic cells questions bacterial DNA as the active ingredient of bacterial lysates; *Journal of Immunology*, 185 (12), 7367-73, 10.4049/jimmunol.1001798 **(5.646)**
34. Sastre P, Cusi MG, Manoha C, **Schildgen O**, Ruiz T, Vela C, Rueda P **(2010)**. Serum antibody response to respiratory syncytial virus F and N proteins in two populations at high risk of infection: children and elderly. *J Virol Methods*, 168(1-2):170-6. **(1.933)**
35. Vanessa Ditt, Jessica Lüsebrink, Ramona Liza Tillmann, Verena Schildgen, and **Oliver Schildgen** (2011): Respiratory infections by HMPV and RSV are clinically indistinguishable but induce different host response in aged individuals; *PLoS One*, 6(1):e16314 **(4.351)**
36. 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 **(4.351)**
37. Krzysztof Pyrc, Paulina Strzyz, Aleksandra Milewska, Anna Golda, **Oliver Schildgen**, Jan Potempa (2011): Porphyromonas gingivalis enzymes enhance infection with human metapneumovirus in vitro; *J. Gen. Virol.*, 92(Pt 10):2324-32 **(3.260)**
38. 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 **(4.439)**
39. Patricia Sastre, Tamara Ruiz, Oliver Schildgen, Verena Schildgen, Carmen Vela and Paloma Rueda (2012) Seroprevalence of human respiratory syncytial virus and human metapneumovirus in healthy population analyzed by recombinant fusion protein-based enzyme linked immunosorbent assay. *Virology Journal*, 9:130. doi: 10.1186/1743-422X-9-130 **(2.55)**
40. Aylin Aydiner, Jessica Lüsebrink, Verena Schildgen, Ingo Winterfeld, Oliver Knüver, Katja Schwarz, Sabine Messler, Oliver Schildgen, Frauke Mattner (2012): Comparison of two commercial PCR methods for methicillin-resistant *Staphylococcus aureus* (MRSA) screening in a tertiary care hospital. *PLoS One*, 7(9):e43935. doi: 10.1371/journal.pone.0043935 **(4.351)**
41. Verena Schildgen, Jessica Lüsebrink, Jan David Appel, Christine Wübben, Walburga Engel-Riedel, Corinna Ludwig, Erich Stoelben, Oliver Schildgen, and Michael Brockmann (2013):

Identification of uncommon PIK3CA-mutations in lung cancer by using pyrosequencing, *Diag Mol Pathol*, 22(1):22-7. doi: 10.1097/PDM.0b013e31825f5f93 **(2.219)**

42. Verena Schildgen, Carolin Schulz, Jessica Lüsebrink, Ramona-Liza Tillmann, Walburga Engel-Riedel, Erich Stoelben, **Oliver Schildgen**, and Michael Brockmann (2013): Combination of Pyrosequencing and Sangersequencing reveals alleged novel mutation in exon 18 of EGFR, *Personalized Medicine*, 10 (2), 201-209. **(1.528)**
43. Pascal Kahlau, Monika Malecki, Verena Schildgen, Christine Schulz, Ingo Winterfeld, Sabine Messler, Frauke Mattner, and Oliver Schildgen (2013): Utility of two novel multiplexing assays for the detection of gastrointestinal pathogens – a first experience, *Springer Plus*, 2:106 **(0.982)**
44. 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 **(4.351)**
45. Verena Schildgen, Olga Pabst, Ramona-Liza Tillmann, Jessica Lüsebrink, **Oliver Schildgen**, Corinna Ludwig, Michael Brockmann, and Erich Stoelben (2015): Low frequency of EGFR mutations in Pleural Mesothelioma Patients, Cologne, Germany, *Appl Immunohistochem Mol Morphol*. 2015 Feb;23(2):118-125 **(2.257)**
46. **Oliver Schildgen** (2013): Pathogennachweis aus FFPE-Material. *trilliumdiagnostik* 11(3):168-9, Nachdruck im Sonderdruck ISSN-1310, 30-31, Februar 2014
47. Iwona Kapisch, Steffi Silling, Michael Brockmann, **Oliver Schildgen**, Ramona-Liza Tillmann, and Verena Schildgen (2014): Comparison of molecular multiplex Assays for the detection of Human Papillomaviruses from clinical, gynaecological tissue samples. *Future Virology*, 9 (1), 21-26 (0.962)
48. Anna-Lena Hardt, Verena Schildgen, Ramona-Liza Tillmann, Michael Brockmann, and **Oliver Schildgen** (2014): Utility of the QIAGEN *artus* PCR assays and Meningofinder for the detection of human herpes virus genomes in formalin fixed paraffin embedded clinical samples *Future Virology*, 9 (3), 241-2 (0.962)
49. 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 (6.875)
50. Jaspreet Kaur, Verena Schildgen, Ramona-Liza Tillmann, Anna-Lena Hardt, Jessica Lüsebrink, Wolfram Windisch, and **Oliver Schildgen** (2014): Low copy number detection of HBoV DNA in BAL of asymptomatic adult patients. *Future Virology*, 9 (8): 715-720 (1.000)

51. 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 (1.000)
52. H. Razuri, M. Malecki, Y. Tinoco, E. Ortiz; C. Guezala, C. Romero, A. Estela, P. Breña, M. L. Morales, E. Reaves, T. Uyeki, M.-A. Widdowson, E. Azziz-Baumgartner, D. Bausch, V. Schildgen, **O. Schildgen**, J. Montgomery (2015) Human Coronaviruses-associated Influenza-like Illness in the Community Setting in Peru. *American Journal of Tropical Medicine & Hygiene*; 93(5):1038-40 (2.736)
53. 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*, 11(1): e0147010. doi:10.1371/journal.pone.0147010 (3.234)
54. Verena Schildgen, Jessica Lüsebrink, **Oliver Schildgen**, Erich Stoelben, and Michael Brockmann (2016): Epidemiology of KRAS, BRAF, and EGFR mutations in lung cancer in a German tertiary hospital in patients with testing indication, *Personalized Medicine*, Vol. 13, No. 4, Pages 315-323 (**IF 1.336**)
55. W. Windisch, J. Lüsebrink, S. Khalfaoui, A. Prickartz, V. Schildgen, **Oliver Schildgen**, M. Brockmann (2016): Low titre *Pneumocystis jirovecii* infections: More than just colonization? *Journal of Fungi*, 2(2), 16; doi:10.3390/jof2020016
56. **Oliver Schildgen (2016)**: ATP Binding leads to autophosphorylation of HSV-1 Origin Binding Protein. *Molecular Genetics, Microbiology and Virology* 31(3): 168-177 (0.462)
57. Rüschoff J, Lebeau A, Kreipe H, Sinn P, Gerharz CD, Koch W, Morris S, Ammann J, Untch M; Nicht-interventionelle Untersuchung (NIU) HER2 Study Group (Ambrosius C-A. , Arndt N. , Baldus SE. , Berger I., Berghäuser K-H., Bittmann I., Blasius S., Bollmann R., Brockmann M., **Schildgen O.**, Bürrig K-F., Chmelar C., Decker T., Diergardt U., Dykgers A., Engers R., Falk S., Friedrich K., Gabriele D., Gaiser T., Gassel AM., Gerharz C-D., Haedicke W., Haroske G., Hartmann A., Hellwig K., Hinze R., Junker K., Kasper U., Klauschen F., Klosterhalfen B., Knöß P., Kreipe H., Kristiansen G., Krüger S., Kunze A., Lüders P., Neuber A., Niemann P., Niendorf A., Orth C., Ott G., Philippou S., Richter-Sadocco B., Röcken C., Rüschoff J., Sauter G., Schmitz J., Sen Gupta R., Sinn P., Staebler A., Tennstedt-Schenk C., Thorns C., Tiemann K., Turzynski A., Vollmer E., Weimann R., Wittersheim M.) (**2017**). Assessing HER2 testing quality in breast cancer: variables that influence HER2 positivity rate from a large, multicenter, observational study in Germany. *Mod Pathol*. 2016 Oct 21. doi: 10.1038/modpathol.2016.164. [Epub ahead of print] (**5.485**)

B. Case Reports:

Before „Habilitation“:

1. **Oliver Schildgen**, Thomas Glatzel, Tilman Geikowski, Bärbel Scheibner, Arne Simon, Lutz Bindl, Mark Born, Sergei Viazov, Anja Wilkesmann, Gisela Knöpfle, Michael Roggendorf, and Bertfried Matz (2005): Human Metapneumovirus RNA in Encephalitis Patient; *Emerging Infectious Diseases*, 11 (3), 467-70 (**5.643**)
2. **Oliver Schildgen**, Heinz Hartmann, and Wolfram H. Gerlich (2006): Replacement of Tenofovir by Adefovir results in reactivation of HBV replication; *Scandinavian Journal of Gastroenterology*, 41(2):245-6 (**1.824**)
3. **Oliver Schildgen**, Martin Helm, Wolfram H. Gerlich (2006): Nonresponse to Adefovir: Host or Virus dependent?, *Journal of Clinical Virology*, 37(4): 327-8 (**2.623**)
4. Bernd Kupfer, Jörg Vehreschild, Oliver Cornely, Rolf Kaiser, Gerhard Plum, Sergei Viazov, Caspar Franzen, Ramona-Liza Tillmann, Arne Simon, Andreas Müller, and **Oliver Schildgen** (2006): Severe pneumonia and human bocavirus in adult.; *Emerging Infectious Diseases*, 12(10): 1614-1616 (**5.308**)

After “Habilitation”:

5. Andreas Müller, Bernd Kupfer, Jörg Vehreschild, Oliver Cornely, Rolf Kaiser, Harald Seifert, Sergei Viazov, Ramona Liza Tillmann, Caspar Franzen, Arne Simon, and **Oliver Schildgen** (2007): Fatal pneumonia associated with human metapneumovirus (HMPV) in a patient with myeloid leukemia and adenocarcinoma in the lung; *European Journal of Medical Research*, 12(4):183-4 (**0.944**)
6. Arne Simon, Peter Groneck, Bernd Kupfer, Rolf Kaiser, Gerhard Plum, Ramona-Liza Tillmann, Andreas Müller, and **Oliver Schildgen** (2007): Detection of bocavirus DNA in bronchoalveolar lavage of a child with severe bronchiolitis; *Journal of Infection*, 54(3):e125-7 (**1.882**)
7. Bernd Kupfer, Arne Simon, Christine Monceyron Jonassen, Sergei Viazov, Vanessa Ditt, Ramona-Liza Tillmann, Andreas Müller, Bertfried Matz, and **Oliver Schildgen** (2007): Two cases of severe obstructive pneumonia associated with an HKU1-like coronavirus; *European Journal of Medical Research*, 12(3): 134-138 (**0.944**)
8. Arne Simon, Sebastian Völz, Alexandra Kehl, Ramona Tillman, Andreas Müller, Michael J. Lentze, Udo Bode, **Oliver Schildgen** (2007): Acute Life Threatening Event (ALTE) in an infant with human Coronavirus HCoV-229E infection; in press, *Pediatric Pulmonology*, 42(4): 393-6 (**1.589**)
9. Arne Simon, Sebastian Völz, Gudrun Fleischhack, Ramona Tillman, Andreas Müller, Udo Bode, **Oliver Schildgen** (2007): Human coronavirus OC43 pneumonia in a pediatric cancer patient with Down's syndrome and acute lymphoblastic leukemia; *Pediatr Hematol Oncol*, 29(6):432-4 (**1.282**)
10. Esther Voigt, Ramona Liza Tillmann, Jens-Christian Schewe, Ernst Molitor & **Oliver Schildgen** (2008): ARDS in an HIV-positive patient associated to Respiratory Syncytial Virus, *European Journal of Medical Research*, *Eur J Med Res*, 13(3):131-2 (**1.046**)
11. Verena Schildgen, Susanne Ziegler, Ramona L. Tillmann, **Oliver Schildgen** (2010): Novel mutation in YMDD motif and direct neighbourhood in a child with chronic HBV-infection and clinical lamivudine and adefovir resistance - a scholarly case. *Virology Journal* 2010, 7:167doi:10.1186/1743-422X-7-167 (**2.44**)
12. Knud Schewe, Christian Noah, Hüseyin Sirma, Stefan Schmiedel, Jan van Lunzen, Jürgen Kurt Rockstroh, and **Oliver Schildgen** (2010): Is there Emergence of Clinical HBV Resistance

Under Long-Term HBV Combination Therapy? A Challenging Case Report; *Viruses* **2010**, *2*, 1564-1570; doi:10.3390/v2081564 **(1.000)**

13. Monika Streiter, Monika Malecki, Aram Prokop, Verena Schildgen, Jessica Lüsebrink, Andreas Guggemos, Matthias Wißkirchen, Michael Weiß, Reinhold Cremer, Michael Brockmann, and **Oliver Schildgen** (2011): Does human bocavirus infection depend on helper viruses? A challenging case report; *Virology Journal*, **8**:417 **(2.55)**
14. Robert Körner, Maria Söderlund-Venermo, Silke van Königsbruggen-Rietschel, Rolf Kaiser, Monika Malecki, **Oliver Schildgen** (2011): Severe pneumonia in an infant caused by the human bocavirus, Cologne, Germany, *Emerging Infectious Diseases*, *17* (12), 2303-5 **(6.859)**
15. Verena Schildgen, Vincenza Lochi, Jessica Lüsebrink, Michael Brockmann, and **Oliver Schildgen** (2012): Epidemiology of EML4-ALK translocations in a small German NSCLC patient cohort. *Personalized Medicine*, *9*:8, 801-803 **(1.528)**
16. 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 **(3.969)**
17. Jessica Jürgens, Walburga Engel-Riedel Alexander Prickartz Corinna Ludwig, **Oliver Schildgen**, Ramona-Liza Tillmann, Erich Stoelben, Michael Brockmann, and Verena Schildgen (2013): Combined point mutation in KRAS or EGFR genes and EML4-ALK translocation in lung cancer patients, *Future Oncology*, *10* (4), 529-532 **(3.202)**
18. Dennis Klinkenberg, Martin Blohm, Marina Hoehne, Andreas Mas Marques, Monika Malecki, Verena Schildgen, Reinhard Schneppenheim, Ingo Müller, **Oliver Schildgen**, and Robin Kobbe (2015): Risk of rotavirus vaccination for children with SCID. *Ped. Infect. Dis. J.*, *34* (1):114-5 **(3.569)**
19. Jessica Lüsebrink, Xuemeng Li, Maria Söderlund-Venermo, Klaus Hedman, Michael Brockmann, Soumaya Khalfaoui, Verena Schildgen, Oliver Schildgen, and Wolfram Windisch (2014): HBoV-1 in pleura of adult patient, Cologne, Germany; *Journal of Medical Microbiology Case Reports*, doi:10.1099/jmmcr.0.003657 **(2.266)**
20. Beate Schmidt, Eckhard Korsch, **Oliver Schildgen**, Verena Schildgen, Michael Brockmann, Michael Weiß (2015): Enterovirus-associated supraventricular reentry tachycardia and hepatitis- a benign course in a three-month-old female. *Journal of Medical Microbiology Case Reports*, 2015 2. doi: [10.1099/jmmcr.0.000050](https://doi.org/10.1099/jmmcr.0.000050) **(2.266)**
21. Michael Krakau, Michael Brockmann, Bärbel Titius, Christina Limmroth, Soumaya Khalfaoui, Verena Schildgen, Arno Dormann, and **Oliver Schildgen** (2015) Acute human bocavirus infection in MDS patient, Cologne, Germany; *Journal of Clinical Virology*, *69*:44-7 **(3.466)**
22. Michael Krakau, Kathrin Gerbershagen, Ulrich Frost, Markus Hinzke, Michael Brockmann, Verena Schildgen, Axel Goßmann, Volker Limmroth, Arno Dormann, and Oliver Schildgen (2015): Case Report: Human bocavirus associated pneumonia as cause of acute injury, Cologne, Germany. *Medicine*, *94*(42):e1587 **(5.723)**
23. Eckhard Korsch, Monika Pieper, Verena Schildgen, **Oliver Schildgen**, and Michael Brockmann (2015): Unusual Rash accompanied by Enterovirus infection and HBoV co-infection in 9 week old infant, Cologne, Germany. *Journal of Medical Microbiology Case Reports*, DOI 10.1099/jmmcr.0.005012 **(2.266)**
24. Eckhard Korsch, Michael Weiß, Monika Pieper, Verena Schildgen, **Oliver Schildgen**, Michael Brockmann (2016): A case of suspected *E. coli* associated meningitis accompanied by HBoV detection in the cerebrospinal fluid of a 13-day-old newborn. *Reviews in Medical Microbiology*, Volume 27 - Issue 2 - p 72–74, doi: 10.1097/MRM.0000000000000070

25. Jessica Jürgens, Walburga Engel-Riedel, Erich Stoelben, Verena Schildgen, Oliver Schildgen, Michael Brockmann (2016): The (con-) fusion in ALK diagnostics: when FDA approved algorithms fail. *Journ. Clin. Ocol.*, 34(16):1961-2. doi: 10.1200/JCO.2015.65.4871 (18.443)
26. Wolfram Windisch, Monika Pieper, Inga Ziemele, Jürgen Rockstroh, Michael Brockmann, **Oliver Schildgen**, Verena Schildgen (2016): Latent infection of Human Bocavirus accompanied by flare of chronic cough, fatigue, and episodes of viral replication in an immunocompetent adult patient, Cologne, Germany *Journal of Medical Microbiology Case Reports*, 2016 3. doi: 10.1099/jmmcr.0.005052 (2.266)
27. Doris Dieninghoff, Christian Karagiannidis, Stephan Straßmann, Monika Pieper, Sarah Dammaschek, Joseph Zabner, Aloysius Klingelhutz, Wolfram Windisch, Michael Brockmann, Oliver Schildgen, and Verena Schildgen (2016): Fatal HBoV-1 infection in adult female cystic fibrosis patient, Cologne, Germany. *Human Pathology Case Reports*, **in press** (2.791)
28. Wolfram Windisch, Axel Meissner, Axel Goßmann, Michael Brockmann, Verena Schildgen, and Oliver Schildgen (2016): Pneumocystis jirovecii induced chronic interstitial lung disease in Waldenström's macroglobulinemia, *Future Microbiology*, **in press** (3.673)

C. Reviews

Before “Habilitation”:

1. **Oliver Schildgen**, Arne Simon, Anja Wilkesmann, John Williams, Anna-Maria Eis-Hübinger, Bernd Kupfer, Michael Roggendorf, and Sergei Viazov (2006): The human metapneumovirus (hMPV): biology, epidemiological features, and clinical characteristics of infection; *Reviews in Medical Microbiology*, 17(1):11-25 (**0.897**)
2. Arne Simon & **Oliver Schildgen** (2006): Antimicrobial Therapy in Childhood Asthma and Wheezing; *Treatments in Respiratory Medicine*, 5(4):255-69.

After “Habilitation”:

3. Anja Wilkesmann*, **Oliver Schildgen***, Anna Maria Eis-Hübinger, Michael J. Lentze, Udo Bode, Arne Simon (2007): Das humane Metapneumovirus als Erreger von Atemwegsinfektionen bei hospitalisierten Kindern – eine Übersicht; *Klinische Pädiatrie*, 219(2):58-65, (*these authors contributed equally) (**0.615**)
4. Sebastian Völz*, **Oliver Schildgen***, Andreas Müller, Ramona L. Tillmann, Anna-Marie Eis-Hübinger, Bernd Kupfer, Udo Bode, Michael L. Lentze und Arne Simon (2007): Das humane Bocavirus (HBoCV) als Erreger von Atemwegsinfektionen bei hospitalisierten Kindern – eine Übersicht; *Deutsche Medizinische Wochenschrift*, 132(28-29):1529-33 (*these authors contributed equally) (**0.584**)
5. **Oliver Schildgen**, Arne Simon, and John Williams (2007): Animal Models for HMPV Infections; *Veterinary Research* 2007, 38(1):117-126 (**2.324**)
6. **Oliver Schildgen**, Florian van Bömmel, Jürgen K. Rockstroh (2007): Current and future therapies for chronic HBV-infections; *Invited Review, Reviews in Medical Microbiology*, 18 (4), 79-88 (**0.897**)

7. **Oliver Schildgen (2007):** Neu entdeckte Atemwegsviren- Epidemiologie und klinische Relevanz; *Die Medizinische Welt*, 58 (12): 639-642
8. L.A.Mazhul, **O.Schildgen**, E.I.Isayeva, S.O.Viazov (2007): "New" viruses: human metapneumovirus infection as an important cause of respiratory tract's diseases, *Voprosy Virusologii [Problems in Virology]*, 52(3):4-8
9. **Oliver Schildgen**, Andreas Müller, Tobias Allander, Ian M. Mackay, Sebastian Völz, Bernd Kupfer, Arne Simon (2008): Human bocavirus (HBoV): Passenger or pathogen in acute respiratory tract infections? *Clinical Microbiology Reviews*, 21(2):291-304 **(15.764)**
10. **Oliver Schildgen**, Friedhelm Schuster, and Arne Simon (2008): Viral infections in children with cancer; *Arch Dis Child*, 93(10):880-9 **(2.090)**
11. **Oliver Schildgen** (2008): Schwere und letale Atemwegsinfektionen durch neuentdeckte Viren bei Hochrisikopatienten; *Chemotherapie Journal*, 17 (5), 194-196
12. Jessica Lüsebrink, Felix Wittleben, Verena Schildgen and **Oliver Schildgen** (2009): *Review: Human Bocavirus – Insights in a Newly Identified Respiratory Virus*; *Viruses* **2009**, 1(1), 3-12; doi:10.3390/v1010003 **(1.000)**
13. Vanessa Ditt & **Oliver Schildgen** (2009): Severe acute respiratory syndrome-coronavirus and human coronavirus-NL63: an updated overview; *Reviews in Medical Microbiology*, 20(2):19-28 **(0.75)**
14. Felix Wittleben, Jessica Lüsebrink, Verena Schildgen & **Oliver Schildgen** (2009): Association of a new bocavirus with human respiratory tract infections; *Reviews in Medical Microbiology*, 20(2):29-32 **(0.75)**
15. Jessica Lüsebrink, Verena Schildgen, **Oliver Schildgen** (2009): Novel therapies for an old virus: treatment of RSV infections in the 21st Century; *Expert Reviews in Anti-Infective Therapy*; 7(9):1125-9 **(3.218)**
16. **Oliver Schildgen** (2011): Host factors may influence response to antiviral therapy in chronic Hepatitis B Virus Infections, *Medical Hypothesis*, 76(3):417-20 **(1.393)**
17. Monika Malecki, Verena Schildgen, and **Oliver Schildgen** (2011): Invited Review: The human bocavirus: Still more questions than answers. *Future Virology*, 6(9), 1107-1114 **(1.200)**
18. Verena Schildgen, Bernadette van den Hoogen, Ron Fouchier, Ralph A. Tripp, Rene Alvarez, Catherine Manoha, John Williams, and **Oliver Schildgen** (2011): Human Metapneumovirus: Lessons learned over the first decade. *Clinical Microbiology Reviews*, 24(4):734-54 **(13.5)**

19. **Oliver Schildgen**, Jianming Qiu, Maria Söderlund-Venermo (2012): Genomic features of human bocavirus. *Future Virology*, 7 (1), 31-39 (1.200)

20. Jessica Lüsebrink & **Oliver Schildgen** (2012): Proceedings in hMPV vaccine and treatment development. *Reviews in Medical Microbiology*, *REVIEWS IN MEDICAL MICROBIOLOGY*, 23 (2), 23-28, DOI: 10.1097/MRM.0b013e3283530823 (0.545)

21. Monika Malecki, Frauke Mattner & **Oliver Schildgen** (2012): Short Review: Molecular diagnosis of E.coli O104:H4. *REVIEWS IN MEDICAL MICROBIOLOGY*, 23 (2), 14-17, DOI: 10.1097/MRM.0b013e3283530839 (0.545)

22. Aylin Aydiner, Jessica Lüsebrink, **Oliver Schildgen** & Frauke Mattner (2012): Methicillin-resistant *Staphylococcus aureus* (MRSA) update: resistance genes and their influence on the detection of MRSA for screening purposes. *Reviews in Medical Microbiology*, 23 (3), 29-44 (0.545)

23. Monika Malecki & Oliver Schildgen (2013): Current status of EHEC and norovirus diagnostics. *Hospital Healthcare Europe*, 181-184

24. Oliver Schildgen (2013): Das humane Bocavirus – Mehr als nur ein „blinder Passagier“ bei Atemwegsinfektionen? *Der Mikrobiologe*, 23, 1-4

25. Oliver Schildgen (2013): The human bocavirus: Lessons learned so far. *Pathogens*, 2(1), 1-12; doi:[10.3390/pathogens2010001](https://doi.org/10.3390/pathogens2010001)

26. Oliver Schildgen (2013): Erforschung und Versorgung von Atemwegserkrankungen – Potenziale der molekularbiologischen Diagnostik. *Diagnostik im Gespräch*, 1/2013, S. 3

27. Oliver Schildgen (2013): Effiziente molekularbiologische Diagnostik bei Atemwegserkrankungen, *Management und Krankenhaus*, 5/2013, 26

28. Arne Simon, Catherine Manoha, Andreas Müller, and Oliver Schildgen (2014): Human Metapneumovirus and its role in Childhood respiratory infections. *Current Pediatrics Reports*, DOI [10.1007/s40124-014-0048-6](https://doi.org/10.1007/s40124-014-0048-6), 2 (3), 156-165

29. Verena Schildgen, Soumaya Khalfaoui, Oliver Schildgen (2014): The human Bocavirus – from common cold to cancer? Speculations on the importance of an episomal genomic form of HBoV. *Reviews in Medical Microbiology*, 25(4):113-118 (0.545)

30. Verena Schildgen and Oliver Schildgen (2014): Kanzerogen oder potentiell Krebstherapeutikum? *Management und Krankenhaus*, 7/2014, 23

31. T. Plönes, W. Engel-Riedel, E. Stoelben, C. Limmroth, O. Schildgen, V. Schildgen (2016): Molecular pathology and personalized medicine: The dawn of a new era in companion diagnostics - Considerations for developing companion diagnostics for malignant diseases of the lung; Journal of Personalized Medicine, 6(1). pii: E3. doi: 10.3390/jpm6010003

D. Letters and Correspondence (all with peer review)

Before “Habilitation”:

1. **Oliver Schildgen** & Arne Simon (2005): Acute otitis media and HMPV; Letter, The Pediatric Infectious Disease Journal, 24(12):1126 (**3.047**)
2. **Oliver Schildgen**, Anja Wilkesmann, Arne Simon (2006): Wheezing in patients with HMPV infection; Journal of Allergy and Clinical Immunology, 117(1):223 (**7.205**)
3. **Oliver Schildgen**, Hueseyin Sirma, Wolfram Gerlich (2006): Hepatitis B Virus with primary resistance to Adefovir; The New England Journal of Medicine, 355 (3), 322-3 (**51.296**)
4. Arne Simon, Anja Wilkesmann, Andreas Müller, Anna-Maria Eis-Hübinger, and **Oliver Schildgen** (2006): HMPV infections are not milder than RSV infections; Correspondence, online-Publikation: <http://adc.bmjournals.com/cgi/eletters/adc.2005.082388v1>; Archives of Disease in Childhood (**1.656**)

After “Habilitation”:

5. **Oliver Schildgen**, Andreas Müller, and Arne Simon (2007): Human Metapneumovirus and Encephalitis, J Clin Virol, 38(4):366 (**2.623**)
6. **Oliver Schildgen**, Andreas Müller, Arne Simon (2007): Human bocavirus and gastroenteritis; Emerg Infect Dis, 13(10):1620-1 (**5.094**)
7. **Oliver Schildgen** (2007): Novel Lamivudine Resistance; Antimicrobial Agents and Chemotherapy, 51(12):4533 (**4.153**)
8. Simon A, **Schildgen O**, Panning M, Bode U, Eis-Huebinger AM (2008): RSV-infection in patients with cancer – still more questions than answers; Clin Infect Dis, 46(12):1933-4 (**6.186**)
9. Ramona Liza Tillmann, Arne Simon, Andreas Müller, and **Oliver Schildgen** (2008): Comparison of in-house PCR, rapid ELISA and NASBA technology for the detection of Respiratory Syncytial Virus in clinical specimen; J Clin Virol, 41(2):168-9 (**2.63**)
10. Arne Simon, Anja Wilkesmann, Andreas Müller, and **Oliver Schildgen** (2007): HMPV infections are frequently accompanied by co-infections; Ped. Pulmonology 2007; 42(1):98 (**1.589**)
11. Hüseyin Sirma, Anneke Funk, Wolfram Gerlich and **Oliver Schildgen** (2007): Does pre-treatment with lamivudine prime for adefovir resistance of hepatitis B virus infection? Journal of Antimicrobial Chemotherapy, 2007, 60(2):448-9, DOI 10.1093/jac/dkm199, (**3.886**)

12. Verena Schildgen, Elena Rüngeler, Ramona Tillmann, and **Oliver Schildgen** (2008): Absence of Melaka-virus in European children with respiratory disease, *Journal of Clinical Virology*, 42(3):295-6 (**3.468**)
13. Arne Simon, Andreas Müller, **Oliver Schildgen** (2008): Can non-persisting pathogens become chronic? *New England Journal of Medicine*, 2008, 358(23):2521-2 (**51.296**)
14. Anna Müller, Ramona L. Tillmann, Andreas Müller, Arne Simon, and **Oliver Schildgen** (2008): Stability of two respiratory viruses HCoV-NL63 and HMPV on medical instruments and in patient environment; *J Hosp Infect*, 69(4):406-8. (**2.442**)
15. Susanne Ziegler, Ramona L. Tillmann, Andreas Müller, Arne Simon, Verena Schildgen, and **Oliver Schildgen** (2008): No gastroenteric Bocavirus in high risk patients Stool Samples; *Journal of Clinical Virology*, *J Clin Virol*, 43(3):349-50 (**3.468**)
16. **Oliver Schildgen** (2009): Peginterferon alfa-2a and ribavirin in Latino and non-Latino whites with hepatitis C.; *New England Journal of Medicine*, 360(18):1907-8 (**51.296**)
17. **Oliver Schildgen** (2009): Editorial: The lack of protective immunity against RSV in the Elderly; *Epidemiology and Infection*, 137, 1687-1690 (**2.36**)
18. **Oliver Schildgen** (2009): Editorial: Human Bocavirus: Increasing evidence for virulence; *Pediatric Pulmonology*, 45 (2), 118-9 (**1.883**)
19. Verena Schildgen, Jessica Lüsebrink, Ramona Liza Tillmann, Michael Wulfert, Norbert Gattermann, and **Oliver Schildgen** (2010): Human bocavirus is not detectable in bone marrow from patients with myelodysplastic syndromes; *Influenza and Other Respiratory Viruses* 5(4):221-2. doi: 10.1111/j.1750-2659.2011.00200.x. (**1.754**)
20. Grazia Cusi, Chiara Terrosi, Michael Kleines, and **Oliver Schildgen**: RSV and HMPV seroprevalence in Tuscany (Italy) and North-Rhine Westfalia (Germany) in the winter season 2009/2010; *Influenza and Other Respiratory Viruses*, doi: 10.1111/j.1750-2659.2011.00252.x, in press (**1.754**)
21. Monika Malecki, Verena Schildgen, Matthias Kamm, Frauke Mattner, and **Oliver Schildgen** (2012): Rapid screening method for multiple gastro-enteric pathogens also detects novel EHEC O104:H4; *American Journal for Infection Control*, 40(1):82-3 (**3.036**)
22. Verena Schildgen and **Oliver Schildgen** (2013): How is a molecular polymorphism defined? *Cancer*, 119(9):1608 (**4.771**)

23. Hüseyin Sirma and **Oliver Schildgen** (2014): More on Hepatitis B Virus rtI233V Mutation and Resistance to Adefovir. *NEJM*, 371(5):482-3. doi: 10.1056/NEJMc1406607#SA1 (**51.658**)
24. Plönes T, Beckers F, Engel-Riedel W, Stoelben E, Brockmann M, Schildgen V, **Schildgen O.** (2014) Absence of amplification of the FGFR1-gene in human malignant mesothelioma of the pleura: a pilot study. *BMC Res Notes*. 2014 Aug 19;7(1):549
25. Verena Schildgen & Oliver Schildgen (2015): Respiratory infections with the human bocavirus. *Clin. Infect. Dis.*, 62(1):134. doi: 10.1093/cid/civ759 (**8.886**)
26. Oliver Schildgen (2016): Editorial: Farewell from the Editor-in-Chief Curtis Gemmell. *Reviews in Medical Microbiology*, April 2016 - Volume 27 - Issue 2 - p 45–46, doi: 10.1097/MRM.0000000000000071
27. Oliver Schildgen (2016): Editorial: On our own account - *New features in Reviews in Medical Microbiology*; *Reviews in Medical Microbiology*, April 2016 - Volume 27 - Issue 2 - p 43–44 doi: 10.1097/MRM.0000000000000072
28. Verena Schildgen & Oliver Schildgen (2016): Routine molecular profiling of NSCLC patients - A critical comment. *The Lancet*, 388:1054 (**44.002**)

E. Contributions to Conferences (Posters and Talks):

with Impact factor:

1. Brigitte M. Pützer, Thorsten Stiewe, Florian Röddicker, **Oliver Schildgen**, Stefan Rühm, Olaf Dirsch, Melanie Fiedler, Uta Dahmen, Bud Tennant, Caren Scherer, Frank L. Graham, and Michael Roggendorf (2001): Large nontransplanted hepatocellular carcinoma in woodchucks: treatment with adenovirus-mediated delivery of interleukin-12/B7.1 genes; Abstract; *Cancer Gene Therapy* 8 (11), 921-922 (**2.756**)
2. **Oliver Schildgen**, Ulrike Claudia Wend, Carl Knud Schewe, Martin Vogel, Martin Däumer, Rolf Kaiser, Lutwin Weitner, Martin Helm, Heinz Hartmann, Bertfried Matz, Jürgen Kurt Rockstroh, and Wolfram Gerlich: Successful therapy of chronic hepatitis B with Tenofovir in HBV-monoinfected and in HIV- coinfecting patients failing previous adefovir and lamivudine treatment; EASL- Meeting 2005 der European Association for the Study of the Liver vom 13.-17.04.2005; *Journal of Hepatology* 42 Suppl. 2 (**4.816**)
3. **Oliver Schildgen**, Hüseyin Sirma, Cynthia Olotu, Ulrike C. Wend, Heinz Hartmann, Anneke Funk, Martin Helm, Jürgen K. Rockstroh, Wulf R. Willems, Hans Will, Wolfram H. Gerlich: Primary resistance of a novel hepatitis B virus variant to Adefovir; Beitrag beim 12th International Symposium on Viral Hepatitis and Liver Disease, Paris, Juli 2006, *Journal of Clinical Virology* (Vol 36, Suppl. 2, July 2006) (**2.623**)
4. **Oliver Schildgen**, Hüseyin Sirma, Cynthia Olotu, Ulrike C. Wend, Heinz Hartmann, Anneke Funk, Martin Helm, Jürgen K. Rockstroh, Wulf R. Willems, Hans Will, Wolfram H. Gerlich: Variant of hepatitis B virus primarily resistant to adefovir, but sensitive to tenofovir;

Posterbeitrag bei dem 41st EASL-Meeting, Wien, Österreich, Journal of Hepatology 2006, 44 Suppl. 2: S190 **(4.816)**

5. **Oliver Schildgen**, Anja Wilkesmann, Bertfried Matz, Tilman Geikowski, Thomas Glatzel, Michael J. Lentze, Udo Bode, Arne Simon: Human Metapneumovirus (HMPV) infection in hospitalized children is not milder than RSV infection: Surveillance and matched-pair analysis of 88 paediatric patients in a German tertiary care hospital; Vortrag bei dem EUROPEDIATRICS Meeting, 6-10. Oktober 2006, Barcelona; European Journal of Pediatrics, im Druck **(1.382)**
6. Soyhan Bagci, Anna M. Eis-Hübinger, Axel R. Franz, Gabriele Bierbaum, Axel Heep, **Oliver Schildgen**, Peter Bartmann, Bernd Kupfer, Andreas Mueller: Detection of Astrovirus in premature infants with necrotizing enterocolitis, NEONATOLOGY, 2007, 92 (4): 288-288 24 **(1.681)**
7. **Oliver Schildgen**: Primärresistenz bei der HBV Therapie; Vortrag im Rahmen des AREVIR Meetings 2007, 19.04.2007 in Bonn, Forschungszentrum CAESAR; European Journal of Medical Research, Supplement 2007 **(0.944)**
8. **O. Schildgen**, A. Simon, B. Kupfer, A. Müller: Severe and fatal pneumonia in leukemia associated to new respiratory viruses Schwere und letale Pneumonia durch neu Atemwegsviren bei Leukämiepatienten; DGHO-Meeting, Basel 2007, Onkologie **(1.74)**
9. **Oliver Schildgen**: The HOPE Consortium: Hepatitis B optimized therapy evaluation using bioinformatic approaches; Vortrag im Rahmen des AREVIR Meetings 2009, 23.04.2009 in Bonn, Forschungszentrum CAESAR; European Journal of Medical Research; supplement **(0.944)**
10. **Oliver Schildgen**: Community strategies for detection of newly discovered respiratory viruses; Vortrag beim ISIRV Symposium 2009, Sevilla, Spanien; Influenza and other Respiratory Viruses, supplement **(0.5)**
11. Jessica Lüsebrink, Verena Schildgen, Ramona Liza Tillmann, Andreas Müller, Felix Wittleben, Anne Böhmer, and **Oliver Schildgen** (2010): Human bocavirus replication occurs via head-to-tail intermediates and hairpin-like structures; Acta Paediatrica, 99 (Suppl. 462), p. 85/Posterpresentation 092 **(1.768)**
12. Martin Neumann, Jessica Lüsebrink, Vanessa Ditt, Verena Schildgen, **Oliver Schildgen**, Annette M. Müller (2011): Simulation der RSV- und hMPV-Infektion im Mausmodell; Beitrag zur Jahrestagung der Rheinisch-Westfälischen Pathologen, 29.01.2011 in Essen, Abstract in: Der Pathologe **(0.414)**
13. Verena Schildgen, Jessica Lüsebrink, Caroline Schultz, Ramona-Liza Tillmann, Walburga Engel-Riedel, Erich Stoelben, **Oliver Schildgen**, and Michael Brockmann (2011): Identification of novel mutations in EGFR exon 18. Jahrestagung der DGP 2011, Leipzig, 16.-19.6.2011, Abstract in: Der Pathologe, 32, Suppl. 1, 98 **(0.414)**
14. Verena Schildgen, Jessica Lüsebrink, Caroline Schultz, Ramona-Liza Tillmann, Walburga Engel-Riedel, Erich Stoelben, **Oliver Schildgen**, and Michael Brockmann (2011): EGFR mutations: comparison of Sanger- and pyrosequencing; ASCO-Meeting 2011, Chicago, J Clin Oncol 29: 2011 (suppl; abstr e21019) **(17.793)**
15. Monika Malecki, Verena Schildgen, Matthias Kamm, Frauke Mattner, and **Oliver Schildgen** (2011): Novel GPP assay also detects novel EHEC O104:H4; Talk, 63rd Annual Meeting of the German Society for Hygiene and Microbiology (DGHM), September 25th – 28th, 2011 in

Essen; International Journal of Medical Microbiology, Suppl. 47, Vol. 301S1, HYV08, p. 38
(2.399)

16. V. Schildgen, M. Malecki, M. Streiter, W. Windisch, **O. Schildgen** (2012): The human bocavirus: genomic head-to-tail intermediates challenge the parvovirus replication model; Oral presentation, ECCMID 2012, London, UK Clinical Microbiology and Infection, 18 S3 O178
(4.784)
17. H. Razuri, M. Malecki, Y. Tinoco, E. Ortiz, C. Guezala, C. Romero, A. Estela, P. Brena, M.-L. Morales, G. Luca, J. Gomez, T. Uyeki, M.-A. Widdowson, G. Salmon, V. Schildgen, D. Bausch, **O. Schildgen**, J. M. Montgomery (2012): Community-acquired respiratory infection caused by novel human coronaviruses in Peru; Oral presentation, ECCMID 2012, London, UK Clinical Microbiology and Infection, 18 S3 O468 **(4.784)**
18. A. Aydiner, J. Lüsebrink, V. Schildgen, I. Winterfeld, O. Knüver, K. Schwarz, S. Messler, **O. Schildgen**, F. Mattner (2012) Comparison of two commercial PCR methods for detection of methicillin-resistant Staphylococcus aureus (MRSA) in a clinical setting. Poster presentation, ECCMID 2012, London, UK Clinical Microbiology and Infection, 18 S3 P2367 **(4.784)**
19. V. Schildgen, A. Aydiner, J. Lüsebrink, I. Winterfeld, **O. Schildgen**, F. Mattner, S. Messler (2012): Change of a policy of primarily PCR-based MRSA screening to a wider use of culture-screening halved nosocomial MRSA acquisition-even under disestablishment of protective isolation precaution in a high- prevalence region in Germany. Oral presentation, ECCMID 2012, London, UK Clinical Microbiology and Infection, S3 O646 **(4.784)**
20. Verena Schildgen, Jessica Lüsebrink, Jan David Appel, Christine Wübben, Walburga Engel-Riedel, Erich Stoelben, **Oliver Schildgen**, and Michael Brockmann (2012): Identification of uncommon PIK3CA-mutations in lung cancer by using pyrosequencing; 96. Jahrestagung der DGP, Berlin 2012, Abstract in: Der Pathologe, 33 (S1) SA-P-35 **(0.414)**
21. Verena Schildgen, Jessica Lüsebrink, Jan David Appel, Christine Wübben, Walburga Engel-Riedel, Erich Stoelben, **Oliver Schildgen**, and Michael Brockmann (2012): Identification of uncommon PIK3CA-mutations in lung cancer by using pyrosequencing; ASCO-Meeting 2012, Chicago, J Clin Oncol 30, 2012 (suppl; abstr e18000) **(18.970)**
22. M. Neumann, J. Lüsebrink, V. Ditt, O. Schildgen, A.M. Müller (2012): RSV- and hMPV-infections in BALB/c mice. Der Pathologe, 33 (S1) SO-043 **(0.414)**
23. D. Klinkenberg, R. Kobbe, R. Schneppenheim, I. Müller, M. Blohm, M. Malecki, V. Schildgen, **O. Schildgen** (2012): Fatal human bocavirus infection in a boy with IPEX-like syndrome and vaccine-acquired rotavirus enteritis awaiting stem cell transplantation. Archives of Disease in Childhood 97:A274 doi:10.1135/archdischild-2012-302724.0958 **(2.616)**
24. D. Klinkenberg, R. Kobbe, R. Schneppenheim, I. Müller, M. Blohm, M. Malecki, V. Schildgen, **O. Schildgen** (2012): Selten trifft selten. Tödlicher Verlauf einer Infektion mit dem humanen Bocavirus bei einem Kind mit IPEX-like Immundefekt. Monatsschrift Kinderheilkunde, 160 Suppl. 1, 63, DGKJ-PO-561 **(0.27)**
25. Pascal Kahlau, Monika Malecki, Verena Schildgen, Frauke Mattner, and Oliver Schildgen (2012): ProGastro™ SCS vs. Luminex GPP: A first experience in comparing two multiplex assays for gastrointestinal pathogens; AMP 2012 Annual Meeting on Genomic Medicine, Long Beach, JMD 2012, Vol. 14, No. 6 **(4.219)**

26. V. Schildgen, M. Malecki, R. Tillmann, M. Brockmann, **O. Schildgen**: The human bocavirus is associated with lung- and colorectal cancers and persists in solid tumours. Publication only presentation, ECCMID 2013, Berlin, Clinical Microbiology and Infection (**4.784**)
27. Verena Schildgen, Ramona-Liza Tillmann, Anna-Lena Hardt, Michael Brockmann, and **Oliver Schildgen** (2013): Utility of the QIAGEN/*artus* PCR assays for the detection of human herpes virus genomes in formalin fixed paraffin embedded clinical samples. 5th European Congress of Virology, Lyon, France, 11-14. Sep. 2013, Poster; Virologie, REF445, S243, Suppl. Sep. 2013 (**0.169**)
28. Verena Schildgen, Monika Malecki, Ramona-Liza Tillmann, Michael Brockmann, and **Oliver Schildgen** (2013): The human bocavirus is associated with lung and colorectal cancers and persists in solid tumours. 5th European Congress of Virology, Lyon, France, 11-14. Sep. 2013, Oral Presentation, Virologie, REF O158, S110, Suppl. Sep. 2013 (**0.169**)
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47. **Oliver Schildgen**: Vortrags-Einladung durch Frau Prof. Dr. B. Sodeik in das Institut für Virologie der Medizinischen Hochschule Hannover zum Thema: Rolling Circle oder Theta-Replikation: Untersuchungen zur DNA-Replikation des Herpes simplex Virus Typ 1; 20.04.2005, Medizinische Hochschule Hannover

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57. **Oliver Schildgen**: Erfolgreich erfinden; Vortrag im Rahmen der gemeinsamen IPR-Fortbildung der Universität Bonn und ProVendis, 19.05.2006 in Bonn
58. **Oliver Schildgen**: Erfolgreich erfinden; Vortrag im Rahmen der gemeinsamen IPR-Fortbildung der Universität zu Köln und ProVendis, 28.06.2006 in Köln

59. **Oliver Schildgen:** Infektionen im Alter; Vortrag im Rahmen der Vorlesung des Graduiertenkollegs 1033 in Düsseldorf, Dezember 2006
60. **Oliver Schildgen:** Moderne Diagnostik viraler Atemwegsinfektionen bei Kindern und Jugendlichen; Vortrag im Rahmen der zertifizierten Fortbildung der Universitätskinderklinik Bonn, 29.11.2006
61. **Oliver Schildgen:** Untersuchungen zur herpesviralen DNA Replikation; Vortrag im Rahmen des 10. BONFOR-Symposiums, 27.10.2006
62. Anja Wilkesmann, **Oliver Schildgen**, Andreas Müller, Arne Simon für die DSM RSV Päd Studiengruppe: Erhöhte RSV-assoziierte Morbidität und Letalität bei hospitalisierten Kindern mit neuromuskulärer Beeinträchtigung; Vortrag bei der Jahrestagung der Deutschen Gesellschaft für Pädiatrische Infektiologie 2006, München
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69. **Oliver Schildgen:** Neue Aspekte der antiviralen Therapie der chronischen HBV-Infektion, Vortragseinladung in das Institut für Pharmakologie der Universität zu Köln, 11.07.2006
70. **Oliver Schildgen:** Klinik, Epidemiologie und Pathogenese neu entdeckter Viruserkrankungen des Respirationstrakts; Vortragseinladung in das Institut für Virologie der Universität zu Köln, Direktor Prof. Dr. H. Pfister, 12.05.2006
71. **Oliver Schildgen:** Untersuchungen zur Therapie der chronischen HBV Infektion; Vortrag im Rahmen eines Symposiums der Kandidaten der engeren Auswahl für den Paul Ehrlich und Ludwig Darmstaedter Nachwuchspreis 2007; 15.12.2006, Georg-Speyer-Haus Frankfurt

72. **Oliver Schildgen:** Virus-Wirts Interaktionen im Menschen; Vortrag im Rahmen des Ersten Treffens der Bonner Interdisziplinären Interessengruppe; 24.11.2006; Bonn
73. **Oliver Schildgen:** Klinik, Epidemiologie und Pathogenese neu entdeckter Viruserkrankungen bei Immunsupprimierten und Hochrisikopatienten; Vortrag im Rahmen der onkologischen Fortbildung der Universitätskinderklinik Bonn, 2007
74. **Oliver Schildgen:** Neu entdeckte respiratorische Viren und ihre Bedeutung; Vortrag im Rahmen des Kolloquiums über aktuelle Fragen der Hygiene, Medizinischen Mikrobiologie und Parasitologie des Zentrums für Infektiologie und Infektionsschutz der Universität Bonn, 08.02.2007
75. **Oliver Schildgen:** Neue Erreger viraler Atemwegsinfektionen; Vortrag beim 5. BioMerieux-Symposium „Wissen verbindet“, 28.-29.01.2007 in Leipzig
76. **Oliver Schildgen:** New respiratory viruses and their role in Europe; Vortragseinladung zum Doktorandenkollegs-Kolloquium der Universität Siena, Italien, 18.5.2007
77. **Oliver Schildgen:** New and Emerging Viruses; Vortragseinladung des Arbeitskreises “Bonner Kolloquium” der Studienstiftler Bonn, 25.04.2007
78. **Oliver Schildgen:** Primärresistenz bei der HBV Therapie; Vortrag im Rahmen des AREVIR Meetings 2007, 19.04.2007 in Bonn, Forschungszentrum CAESAR; European Journal of Medical Research; in press **(0.944)**
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82. **O. Schildgen:** Emerging infections, 3rd Symposium of the European Union Geriatric Medicine Society Infections in Older People, September 2007, invited Keynote Lecture, Frankfurt
83. Ortwin Adams, Linda Bonzel, **Oliver Schildgen:** Diagnosis of Respiratory Viruses including Bocavirus in Children with Respiratory Tract Infections by a One Step Multiplex Real-Time PCR Vortrag beim ESCV-meeting Lyon (25. Mai 2007)
84. S. Bagci, A. M. Eis-Hübinger, A. Simon, G. Bierbaum, A. Heep, **O. Schildgen,** P. Bartmann, A. Franz, A. Müller: KLINIK UND VERLAUF VIRALER GASTROINTESTINALER INFEKTION BEI FRÜH-UND NEUGEBORENEN; Vortrag bei der DGPI Tagung 2008, Erlangen
85. Verena Schildgen, Jessica Lüsebrink, Oliver Schildgen: Novel aspects on HMPV infections in an animal model; 1st EU BirdFlu Joint Meeting, 2.-4. Februar 2009, Barcelona

86. Oliver Schildgen: The RespViruses Consortium; 1st EU BirdFlu Joint Meeting, 2.-4. Februar 2009, Barcelona
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88. Sastre, P.; Cusi, M.G.; Manoha, C.; **Schildgen, O.**; Ruiz, T.; Vela, C.; Rueda, P.: RESPUESTAHUMORAL FRENTEALAS PROTEÍNAS F Y N DEL VIRUS RESPIRATORIO SINCICIAL EN DOS GRUPOS DE ALTO RIESGO DE INFECCIÓN: NIÑOS Y ANCIANOS; Poster bei der Jahrestagung der Spanischen Gesellschaft für Virologie 2009, X CONGRESO NACIONAL DE VIROLOGÍA, SALAMANCA, 21-24 DE JUNIO, Salamanca, Spanien
89. Jessica Lüsebrink, Christoph Wiese, Anne Thiel, Ramona-Liza Tillmann, Vanessa Ditt, Andreas Müller, **Oliver Schildgen**, and Verena Schildgen: LACK OF PROTECTIVE IMMUNITY DESPITE HIGH SEROPREVALENCE OF NEUTRALIZING ANTIBODIES AGAINST HUMAN METAPNEUMOVIRUS, BONN, GERMANY; 4th European Congress of Virology, Como, Italien, 2010
90. Verena Schildgen, Jessica Lüsebrink, Vanessa Ditt, Ramona Tillmann, Arne Simon, Andreas Müller, and Oliver Schildgen: Human HepG2 cells support Respiratory Syncytial Virus and Human Metapneumovirus replication; 4th European Congress of Virology, Como, Italien, 2010
91. Verena Schildgen, Susanne Ziegler, Ramona Liza Tillmann, and Oliver Schildgen: Novel mutation in YMDD motif and direct neighbourhood in a child with chronic HBV-infection and clinical lamivudine and adefovir resistance – a scholarly case; 4th European Congress of Virology, Como, Italien, 2010
92. J. Lüsebrink, V. Schildgen and O. Schildgen: Novel aspects on RSV and HMPV infections in an aged mouse model 4th European Congress of Virology, Como, Italien, 2010
93. Oliver Schildgen: Novel Respiratory Viruses: Epidemiology, Pathophysiology, and Optimized Strategies for Molecular Diagnosis; Plenary Lecture, Conference in Medical Physiology 2010, Cambridge, UK
94. Verena Schildgen, Jessica Lüsebrink, Vanessa Ditt, Ramona Tillmann, Arne Simon, Andreas Müller, **Oliver Schildgen** (2010): Studies on the natural course of RSV-, HMPV- and RSV/HMPV-double infections in children in an optimized animal model; invited talk, Conference in Medical Physiology 2010, Cambridge, UK
95. Oliver Schildgen: Mutationen beim Lungenkarzinom – Vortragseinladung im Rahmen der Fortbildung des Lungenkrebszentrums Köln Merheim, 19.01.2011
96. **Oliver Schildgen**, Sascha Gräper, Johannes Blümel, Michael Reber, Nigel Stow, Bernd Kupfer, Benedikt Axer, and Bertfried Matz (2011): Starting the DNA replication of herpes simplex virus: not simple (Beitrag zur Jahrestagung der Gesellschaft für Virologie 2011, Freiburg 23.03.2011 - 26.03.2011)
97. Monika Malecki, Verena Schildgen, Matthias Kamm, Frauke Mattner, and **Oliver Schildgen** (2011): Rapid diagnostics from patients suspected to suffer from Norovirus infection reveals novel EHEC variant; 14TH ANNUAL MEETING OF THE EUROPEAN SOCIETY FOR CLINICAL VIROLOGY; 21.-24.09.2011, Madeira, Portugal (Poster)

98. Monika Malecki, Verena Schildgen, Matthias Kamm, Frauke Mattner, and **Oliver Schildgen** (2011): Novel GPP assay also detects novel EHEC O104:H4; Planet xMAP Meeting, 28.+29.09.2011, Vienna, invited talk
99. **Oliver Schildgen** (2011): The human bocavirus: Genomic head-to-tail intermediates challenge the parvovirus replication model; 14TH ANNUAL MEETING OF THE EUROPEAN SOCIETY FOR CLINICAL VIROLOGY; 21.-24.09.2011, Madeira, Portugal, invited talk
100. Monika Malecki, Verena Schildgen, Matthias Kamm, Frauke Mattner, and **Oliver Schildgen** (2011): Rapid screening method for multiple gastro-enteric pathogens also detects novel EHEC O104:H4; Poster, 49th Annual Meeting of the Infectious Diseases Society of America, October 20th – 23th, 2011 in Boston, USA
101. **Oliver Schildgen** (2011): Virale respiratorische Infekte: Bedeutung der Diagnostik; 2. Merheimer Hygienetag, invited talk, 12. Oktober 2011, Köln
102. Mathias Hothum, Ulrich Hügler, Michael Krakau, Christian Karagiannidis, Tillmann Matthäus, Jürgen Schipper, **Oliver Schildgen**: xTAG GPP could lead to Cost Reduction and better Management of Gastrointestinal Infections; 10th Planet xMAP Meeting, 10.-11. October 2012, Monaco
103. Pascal Kahlau, Monika Malecki, Verena Schildgen, Frauke Mattner, and Oliver Schildgen: ProGastro™ SCS vs. Luminex GPP: A first experience in comparing two multiplex assays for gastrointestinal pathogens; 10th Planet xMAP Meeting, 10.-11. October 2012, Monaco
104. Oliver Schildgen (2013): Erforschung und Versorgung von Atemwegserkrankungen – Potenziale der molekularbiologischen Diagnostik. VDGH-Symposium 2013, 31.01.2013 Berlin
105. V. Schildgen, M. Malecki, R.L. Tillmann, M. Brockmann, O. Schildgen (2013): THE HUMAN BOCAVIRUS IS ASSOCIATED WITH LUNG- AND COLORECTAL CANCERS AND PERSISTS IN SOLID TUMOURS. ESPID Meeting 2013, 28.05.2013-01.06.2013, Milan, Italy. Poster Presentation
106. Oliver Schildgen (2013): „Von der Erkältung zum Tumor? Untersuchungen zur Pathogenese der humane Bocavirusinfektion“. Campus Live der Universität Witten/Herdecke, 18. September 2013
107. Oliver Schildgen (2013): „Fortschritte in der molekularen PCP Diagnostik“. Interne Fortbildung, Lungenklinik, Kliniken der Stadt Köln, 16. Oktober 2013
108. Oliver Schildgen (2013): „Diagnose im Verbund - Der Patient als Gewinner“. Symposium der Firma Pfizer, Düsseldorf, 17. Oktober 2013 (von der Ärztekammer Nordrhein zertifizierte Fortbildung)
109. Oliver Schildgen, Jessica Lüsebrink, Verena Schildgen (2013): The human bocavirus – from common cold to cancer? Preis-Vortrag bei der Rudolf-Schülke-Stiftung, Hamburg, 29. November 2013
110. Oliver Schildgen, Stephanie Mai, Soumaya Khalfoui, Michael Brockmann, Oliver Schildgen (2013): Kultivierung von Pneumocystis jirovecii in pseudostratifizierten permanenten Atemwegsepithelien; Kolloquiumsvortrag beim Tag der Forschung der Universität Witten/Herdecke, 6.12.2013

111. Oliver Schildgen (2014): „FISH Diagnostik zum ALK Translokationsnachweis“. Interne Fortbildung, Lungenklinik, Kliniken der Stadt Köln, 26. Februar 2014
112. Oliver Schildgen (2014): Molekularbiologische Stufendiagnostik beim NSCLC. Vortrag beim Symposium „Diagnose und Therapie des NSCLC“, Institut für Pathologie, Kliniken der Stadt Köln gGmbH, 26.02.2014 (von der Ärztekammer Nordrhein zertifizierte Fortbildung)
113. Oliver Schildgen (2014): Erforschung und Versorgung von Atemwegserkrankungen – Potenziale der molekularpathologischen Diagnostik. Vortrag beim MTA-Fortbildungssymposium „Moderner Einsatz der Immunhistochemie – Aufbaukurs“ des DVTA, Dr. Senckenbergsches Institut für Pathologie, Universität Frankfurt, 1. März 2014
114. T. Bergmann, E. Schulz, M. Gebbing, V. Schildgen, O. Schildgen, A. Ehrhardt (2014): TALEN mediated gene correction of coagulation factor IX via homologous recombination in context of a canine hemophilia B model; 20. Annual Meeting of the German Society For Gene Therapy (DG-GT), Ulm 20-22 March 2014 (poster presentation)
115. E. Schulz, T. Bergmann, M. Gebbing, V. Schildgen, O. Schildgen, C. A. Gersbach, A. Ehrhardt (2014): Mutation detection following Non-homologous End Joining (NHEJ): a comparison of different semi quantitative and quantitative methods; 20. Annual Meeting of the German Society For Gene Therapy (DG-GT), Ulm 20-22 March 2014 (poster presentation)
116. O. Schildgen (2014): Neue Aspekte der Molekularpathologie – Vortrag beim Post-ASCO Round Table Meeting, 10.06.2014, Köln (von der Ärztekammer Nordrhein zertifizierte Fortbildung)
117. O. Schildgen (2014): Schwere Infektionen durch Emerging Viruses im Kindesalter; Keynote Lecture im Rahmen der 40. Jahrestagung der Gesellschaft für Neonatologie und Pädiatrische Intensivmedizin, 28.06.2014, Bonn
118. O. Schildgen (2014): Molekularpathologische Diagnostik des NSCLC – Der Merheimer Algorithmus. Vortrag beim Symposium „Update NSCLC“ der Lungenklinik der Kliniken der Stadt Köln, Köln, 29.08.2014
119. O. Schildgen (2014): Pneumocystis jirovecii kann in pseudostratifizierten Atemwegsepithelien produktiv angezüchtet werden. Vortrags-Einladung zum Institutsseminar des Instituts für Mikrobiologie und Hygiene in Regensburg am 30.10.2014
120. 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. Talk at the DGHM Meeting, 05.10.2014 – 08.10.2014, Dresden, Germany; BioSpektrum Tagungsband 2014, EKV07, S. 98
121. Oliver Schildgen (2014): Requirements to molecular diagnostics of acute and chronic respiratory diseases; Vortrag bei der COMPAMED/Medica Conference 2014, 13.11.2014, Düsseldorf
122. Oliver Schildgen (2014): Ergebnisse der molekularpathologischen Untersuchungen von Lungenkarzinomen in Köln Merheim. Vortrag beim 8. Kölner Lungenkrebstag, 03.12.2014
123. Vivien Eichhorn, Soumaya Khalfaoui, Monika Pieper, Christian Karagiannidis, Wolfram Windisch, Oliver Schildgen, Verena Schildgen (2014): Human bocavirus infection induces

cytokine expression associated with lung fibrosis; Vortrag beim 8. Tag der Forschung der Fakultät für Gesundheit der Universität Witten/Herdecke, 05.12.2014, Köln

124. A Prickartz, J Lüsebrink, O Schildgen, V. Schildgen, M. Brockmann, W Windisch (2014): Quantitative PCR detects occult *Pneumocystis jirovecii* infections. Poster beim 8. Tag der Forschung der Fakultät für Gesundheit der Universität Witten/Herdecke, 05.12.2014, Köln
125. **Oliver Schildgen** (2014): *Pneumocystis jirovecii* can be productively cultured in differentiated CuFi-8 airway cells. Invited Talk at the Institute's Seminar Series Institute for Microbiology, Immunology, and Parasitology, University of Bonn, 29.01.2015, Bonn
126. A Prickartz, J Lüsebrink, S Khalfaoui, O Schildgen, V. Schildgen, M. Brockmann, W Windisch (2015): Quantitative PCR detects occult *Pneumocystis jirovecii* infections. e-Poster bei der 25th ECCMID Conference, 25.-28.4.2015, Kopenhagen, Denmark
127. Vivien Eichhorn, Soumaya Khalfaoui, Monika Pieper, Christian Karagiannidis, Wolfram Windisch, Michael Brockmann, Oliver Schildgen, Verena Schildgen (2015): Human bocavirus infection induces cytokine expression associated with lung fibrosis; Poster bei der 25th ECCMID Conference, 25.-28.4.2015, Kopenhagen, Denmark
128. Verena Schildgen, Stephanie Mai, Soumaya Khalfaoui, Jessica Lüsebrink, Monika Pieper, Ramona Liza Tillmann, Michael Brockmann, and Oliver Schildgen (2015): Successful culturing of *Pneumocystis jirovecii* in air-liquid interface cultures induces cytopathogenic damage of epithelia Poster bei der 25th ECCMID Conference, 25.-28.4.2015, Kopenhagen, Denmark
129. Vivien Eichhorn, Soumaya Khalfaoui, Monika Pieper, Christian Karagiannidis, Wolfram Windisch, Michael Brockmann, Oliver Schildgen, Verena Schildgen (2015): Human bocavirus infection induces cytokine expression associated with lung fibrosis; Vortrag bei der Jahrestagung der Deutschen Gesellschaft für Pathologie, Frankfurt 2015
130. A Prickartz, J Lüsebrink, S Khalfaoui, O Schildgen, V. Schildgen, M. Brockmann, W Windisch (2015): Detektion okkulten *Pneumocystis jirovecii* Infektionen mittels qPCR Vortrag bei der Jahrestagung der Deutschen Gesellschaft für Pathologie, Frankfurt 2015
131. O. Schildgen (2015): Züchtung von *Pneumocystis jirovecii* in pseudostratifizierten Atemwegsepithelien – Ein Modell zur Entwicklung spezifischer Antimykotika gegen lebensbedrohliche Pilzinfektionen. Vortrag im Rahmen des Auswahl-symposiums zum Medizin-Management-Preises 2015, Berlin, 14. April 2015
132. O. Schildgen (2015): Point-of-Care Testung bei akuten Atemwegserkrankungen, Springer/Bionorica Round Table Symposium, 9.9.2015, Springer-Verlag München
133. Anna-Elisabeth Helling, Monika Pieper, Ella Naumova, Wolfgang H. Arnold, Oliver Schildgen, Verena Schildgen (2017): Morphologische Untersuchung der CuFi-1, CuFi-5 und CuFi-8 Zellkulturen vor und nach Infektion mit dem Human Bocavirus (HBoV); Universität Witten/Herdecke, Tag der Forschung 2017, Posterbeitrag
134. Merle Höpken, Michael Brockmann, Steffen Maune, Oliver Schildgen, Verena Schildgen (2017): Untersuchungen zur Rolle des humanen Bocavirus (HBoV) bei der Entstehung von Tumoren der oberen Schluckstraße, vor allem der Tonsillen; Universität Witten/Herdecke, Tag der Forschung 2017, Posterbeitrag

135. Wolfram Windisch, Axel Meissner, Axel Goßmann, Michael Brockmann, Verena Schildgen, and Oliver Schildgen⁴ (2017): Pneumocystis jirovecii induced chronic interstitial lung disease in Waldenström's macroglobulinemia that was followed by lung adenocarcinoma, Universität Witten/Herdecke, Tag der Forschung 2017, Posterbeitrag
136. Alexander Prickartz, Jessica Lüsebrink, Soumaya Khalfaoui, Oliver Schildgen, Verena Schildgen, Wolfram Windisch, Michael Brockmann (2017): Low titre *Pneumocystis jirovecii* infections: More than just colonization? Universität Witten/Herdecke, Tag der Forschung 2017, Posterbeitrag
137. Verena Schildgen, Monika Pieper, Oliver Schildgen (2017): Analyses of transcriptome alterations during HBoV infection; Universität Witten/Herdecke, Tag der Forschung 2017, Vortrag
138. Merle Höpken, Michael Brockmann, Steffen Maune, Oliver Schildgen, Verena Schildgen (2017): Untersuchungen zur Rolle des humanen Bocavirus (HBoV) bei der Entstehung von Tumoren der oberen Schluckstraße, vor allem der Tonsillen; 88. Jahresversammlung 2017 der Deutschen Gesellschaft für Hals-Nasen-Ohren-Heilkunde, Kopf- und Hals-Chirurgie, Posterbeitrag

F. Book Articles

1. Bruns R, Mentel R, **Schildgen O**, Wiersbitzky H, Wilkesmann A: Humane Metapneumovirus (hMPV)-Infektionen; in: Handbuch der Deutschen Gesellschaft für pädiatrische Infektiologie: Infektionen bei Kindern und Jugendlichen; 5. Auflage (2009), ISBN 978-3-13-144715-9
2. Beld,M.G.H.M., Birch,C., Cane,P.A., Carman,W., Clewley,J.P., Domingo,E., Druce,J., Escarmis,C., Fouchier,R.A.M., Jennings,L., Kay,I.D., Kubista,M., Landt,O., Mackay,I.M., Mackay,J.F., Nissen,M.D., Palladino,S., Papadopoulos,N.G., Petrich,A., Pfaffl,M,W., Rawlinson,W., Reischl,U., Saunders,N.A., Savolainen-Kopra,C., **Schildgen, O.**, Scott,G.M., Sloots,T.P. Tang,Y-W., Woo,P.C.Y.: Experts Roundtable: Real-Time PCR and Microbiology; Real-time PCR in microbiology, in: Real-time PCR in microbiology: from diagnosis to characterization, Ed. Ian Maxwell Mackay, Horizon Scientific Press, 2007, ISBN 1904455182, 9781904455189
3. **Oliver Schildgen**, Florian van Bömmel, Jürgen K. Rockstroh: Current and future therapies for chronic HBV-infections, in: Progress in HBV Research, Nova Scientific Publishers, New York, USA; ISBN 1-60021-687-0
4. **Oliver Schildgen**: The human Bocavirus – A newly discovered pathogen in lung disease; Encyclopedia of Molecular Mechanisms of Disease; Lang, Florian (Ed.) Version: 2009, ISBN: 978-3-540-67136-7
5. V. & **O. Schildgen**: Hyperinflation in the respiratory tract – How virus discovery methods increased the number of respiratory pathogens in childhood airway infections; in: New respiratory Viruses and their role in childhood; Ed. Oliver Schildgen, Nova Scientific Publishers, New York, USA; ISBN 978-1-60456-519-5
6. Andreas Mueller, **Oliver Schildgen** & Arne Simon: CURRENT TREATMENT OF VIRAL LOWER RESPIRATORY TRACT INFECTIONS IN CHILDHOOD; in: New respiratory Viruses and their role in childhood; Ed. Oliver Schildgen, Nova Scientific Publishers, New York, USA; ISBN 978-1-60456-519-5

7. Jessica Lüsebrink, Verena Schildgen, **Oliver Schildgen**: The Hepatitis B Virus; in: Textbook for Viral Hepatitis, Ed. S. Mauss et al., in Hepatology – A Clinical Textbook (www.HepatologyTextbook.com); ISBN: 978-3-924774-63-9
8. **Oliver Schildgen**: Molecular Diagnostic of the human Hepatitis B Virus; in: Textbook for Viral Hepatitis, Ed. S. Mauss et al., Ed. S. Mauss et al., in Hepatology – A Clinical Textbook (www.HepatologyTextbook.com); ISBN: 978-3-924774-63-9
9. Jessica Lüsebrink, Felix Wittleben, Verena Schildgen, and **Oliver Schildgen**: The human Bocavirus; in: MOLECULAR DETECTION OF HUMAN VIRAL PATHOGENS; Edited by Dongyou Liu, Taylor & Francis CRC Press, 1st Ed. 2010, 819-829, ISBN 978-1-4398-1236-5
10. Jessica Lüsebrink, Verena Schildgen, **Oliver Schildgen**: The Hepatitis B Virus; in: Textbook for Viral Hepatitis, Ed. S. Mauss et al., in Hepatology – A Clinical Textbook (www.HepatologyTextbook.com); **Second Edition 2010**, ISBN: 978-3-924774-70-7
11. **Oliver Schildgen**: Molecular Diagnostic of the human Hepatitis B Virus; in: Textbook for Viral Hepatitis, Ed. S. Mauss et al., Ed. S. Mauss et al., in Hepatology – A Clinical Textbook (www.HepatologyTextbook.com); **Second Edition 2010**, ISBN: 978-3-924774-70-7
12. **Oliver Schildgen (2011)**: Emerging Viral Infections; in: E. Azoulay (Ed.): Pulmonary Involvement in Patients with Hematological Malignancies; Springer Verlag, , ISBN 978-3-642-15741-7
13. **Oliver Schildgen**: The human metapneumovirus; in: D. Michaels (Ed.): Encyclopedia of Infectious Diseases; ABC-CLIO Publishers, Santa Barbara, CA, USA 2016, ISBN 978-1-4408-0045-0, October 2016
14. Bruns R, Mentel R, **Schildgen O**, Wiersbitzky H, Simon A, Wilkesmann A (**2013**): Humane Metapneumovirus (hMPV)-Infektionen; in: Handbuch der Deutschen Gesellschaft für pädiatrische Infektiologie: Infektionen bei Kindern und Jugendlichen; 6. Auflage, ISBN 978-3-13-144716-6
15. Verena Schildgen und **Oliver Schildgen** (2014): The human Bocavirus, in Human Respiratory Viral Infections, Taylor & Francis Group/CRC Press, ed. Dr. Sunit Singh, ISBN 978-1-4665-8320-7
16. Oliver Schildgen & Verena Schildgen (2016): Respiratory infections with the human bocavirus (HBoV), in: The Microbiology of Respiratory System Infections. Elsevier, Amsterdam. Editors: Kon & Rai, Elsevier, 65-79, ISBN: 978-0-12-804543-5

G. Patents and Copyrights

1. Pending: VARIANTS OF HEPATITIS B VIRUS RESISTANT AGAINST SOME NUCLEOSIDE ANALOGUES, BUT SENSITIVE TO OTHERS, AND USES THEREOF; Publication number:

US2007042356; Publication date:2007-02-22; Inventor: SCHILDGEN OLIVER (DE); VOGEL MARTIN (DE); MATZ BERTFRIED (DE); ROCKSTROH JUERGEN (DE); KAISER ROLF (DE); DAEUMER MARTIN (DE); HELM MARTIN (DE); WEITNER LUTWIN (DE); SCHEWE CARL K (DE); GERLICH WOLFRAM (DE); Applicant: JUSTUS LIEBIG UNI GIESSEN (DE); Classification:- international:C12Q1/70; A61K31/7072; C07H21/04; C07K14/02; C12N7/01; C12N15/86; C12Q1/70; A61K31/7042; C07H21/00; C07K14/005; C12N7/01; C12N15/86; - European: Application number: US20060375580 20060315; Priority number(s): US20060375580 20060315; EP20050102014 20050315; US20050661483P 20050315

2. Pending: VARIANTS OF HEPATITIS B VIRUS RESISTANT AGAINST SOME NUCLEOSIDE ANALOGUES, BUT SENSITIVE TO OTHERS, AND USES THEREOF; Publication number: WO2006097284; Publication date:2006-09-21; Inventor: SCHILDGEN OLIVER (DE); VOGEL MARTIN (DE); MATZ BERTFRIED (DE); ROCKSTROH JUERGEN (DE); KAISER ROLF (DE); DAEUMER MARTIN (DE); HELM MARTIN (DE); WEITNER LUTWIN (DE); SCHEWE CARL KNUD (DE); GERLICH WOLFRAM (DE); Applicant: RHEINISCHE FRIEDRICH WILHELMS (DE); UNIV ZU KOELN (DE); JUSTUS LIEBIG UNI GIESSEN (DE); SCHILDGEN OLIVER (DE); VOGEL MARTIN (DE); MATZ BERTFRIED (DE); ROCKSTROH JUERGEN (DE); KAISER ROLF (DE); DAEUMER MARTIN (DE); HELM MARTIN (DE); WEITNER LUTWIN (DE); SCHEWE CARL KNUD (DE); GERLICH WOLFRAM (DE); Classification: - international: C07K14/02; C12N7/00; C12N15/01; C12N15/36; C12N15/51; C12Q1/70; C07K14/005; C12N7/00; C12N15/01; C12N15/34; C12N15/51; C12Q1/70; - European:C07K14/02; C12N7/00; C12N9/12B7B49; Application number: WO2006EP02351 20060314; Priority number(s):US20050661483P 20050315; EP20050102014 20050315
3. Arne Simon, Matthias Hamann, **Oliver Schildgen**: VIRT-I-Ped: Softwaretool zur Erfassung medizinischer Daten im Rahmen von klinischen Studien

H. Peer Review Activity

- December 2015: Expert Evaluator for the National Science Centre Poland
- December 2012: Expert Evaluator for the Latvian Research Council
- October 2012 and 2014: Expert Evaluator for the Belgian Ministry of Health
- June 2007: Expert Evaluator for the European Commission within FP7
- Reviewer for: Immunology
- Reviewer for: Antiviral Therapy
- Reviewer for: Infection
- Reviewer for: Journal of Infection
- Reviewer for: Nature Protocols
- Reviewer for: Infection and Epidemiology
- Reviewer for: Pediatric Infectious Disease Journal
- Reviewer for: Intervirology
- Reviewer for: Respiratory Medicine
- Reviewer for: Clinical Infectious Diseases
- Reviewer for: Journal of Allergy and Clinical Immunology
- Reviewer for: Science of the Total Environment
- Reviewer for: Pediatric Pulmonology
- Reviewer for: Archives of Virology
- Reviewer for: Viruses
- Reviewer for: Emerging Infectious Diseases
- Reviewer for: British Medical Journal
- Reviewer for: Scandinavian Journal of Infectious Diseases

- Reviewer for: European Journal of Microbiology and Infectious Diseases
- Reviewer for: BMC Infectious Diseases
- Reviewer for: Influenza and other Respiratory Viruses
- Reviewer for: Clinical and Developmental Immunology
- Reviewer for: Analytica Chimica Acta
- Reviewer for: Cellular Physiology and Biochemistry
- Reviewer for: New England Journal of Medicine
- Reviewer for: Microbiology and Immunology
- Reviewer for: Journal of General Virology
- Reviewer for: Virus Research
- Reviewer for: Diagnostic Microbiology and Infectious Disease
- Reviewer for: Mediators of Inflammation
- Reviewer for: PLOS Medicine
- Reviewer for: Molecular Diagnostics and Therapy
- Reviewer for: American Journal of Tropical Medicine and Hygiene
- Reviewer for: Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine
- Reviewer for: Journal of Virological Methods
- Reviewer for: Journal of Clinical Virology
- Reviewer for: Journal of Medical Virology
- Reviewer for: Virus Genes
- Reviewer for: Scientific Reports
- Reviewer for: Expert Reviews of Molecular Diagnostics
- Reviewer for: Expert Reviews of Vaccines
- Reviewer for: Journal of Medical Microbiology
- Reviewer for: F1000 Research
- Reviewer for: Austin Journal of Cancer and Clinical Research
- Reviewer for: Expert Reviews in Anti-Infective Therapy
- since May 2007 Editorial Board Member of Reviews of Medical Microbiology
- since May 2013: Academic Editor of PLoS One
- Since March 2013: Academic Editor of Medicine®

I. Theses supervised by Oliver Schildgen

Supervised Bachelor Theses:

1. **Susanne Ziegler (B.Sc., Biologie):** Implementation and Comparison of Nucleic Acid Amplification Methods for Detection of newly discovered Bocavirus in Stool Samples of high Risk Patients with Diarrhoe. Fachhochschule Bonn-Rhein-Sieg, **2007**
2. **Anne Böhmer (B.Sc., Biologie):** Novel application for isothermal nucleic acid sequence-based amplification (NASBA); Fachhochschule Bonn-Rhein-Sieg, **2008**
3. **Felix Wittleben (B.Sc., Biologie):** Characterisation of the terminal sequences of the novel respiratoric human bocavirus genome; Fachhochschule Bonn-Rhein-Sieg, **2009**

4. **Christoph Wiese (B.Sc., Biologie):** Studies of seroprevalence of neutralizing antibodies against the human Metapneumovirus; Fachhochschule Bonn-Rhein-Sieg, **2009**

5. **Caroline Schultz (B.Sc., Biologie):** Implementation of EGFR Pyrosequencing for therapy decisions in personalized medicine in comparison to *Sanger* sequencing; Fachhochschule Bonn-Rhein-Sieg, **2010**

6. **Pascal Kahlau (B.Sc., Biologie):** Epidemiology of nosocomial gastroenteritis in the winter season 2011/2012, Hochschule Bonn-Rhein-Sieg, **2012**

7. **Olga Pabst (B.Sc., Biologie):** Identification of a novel polymorphism in the EGFR gene in patients with and without pleural mesothelioma, Hochschule Bonn-Rhein-Sieg, **2012**

8. **Iwona Kapisch (B.Sc., Biologie):** Implementation of molecular biological testing for liposarcoma and cervical cancer diagnostics, Hochschule Bonn-Rhein-Sieg, **2012**

9. **Nazesh Bhatti (B.Sc., Biologie):** Stability and integrity of cellular components of bronchoalveolar lavage (BAL) in dependence of transport and storing temperature, Hochschule Bonn-Rhein-Sieg, **2013**

10. **Stephanie May (B.Sc., Forensics):** Cultivation and Propagation of *Pneumocystis jirovecii*, Hochschule Bonn-Rhein-Sieg, **2013**

11. **Jaspreet Kaur (B.Sc., Biologie):** Comparison of multiplex PCR assays for diagnosis of viral respiratory infections: xTAG respiratory viral panel fast assay, FTD respiratory pathogens 33 assay and RespiFinder SMWART 22 Fast assay, Hochschule Bonn-Rhein-Sieg, **2014**

12. **Vivien Eichhorn (B.Sc., Forensics):** Human bocavirus infection induces cytokine expression associated with lung fibrosis, Hochschule Bonn-Rhein-Sieg, **2014**

Supervised Master Thesis:

1. **Susanne Ziegler (M.Sc., Biologie):** Genotypic resistance testing of HBV; Fachhochschule Bonn-Rhein-Sieg, **2009**
2. **Andrea Krämer (M.Sc., Biologie):** Characterization of a new Adefovir dipivoxil-resistance mutation of the human hepatitis B virus; Fachhochschule Bonn-Rhein-Sieg, **2011**
3. **Anna-Lena Hardt (M.Sc., Biologie):** Comparison of novel multiplex assays for the detection of neurotropic viruses from clinical samples, Hochschule Bonn-Rhein-Sieg, **2013**
4. **Evelina Ikova (M.Sc. Biologie):** Development of a pyrosequencing assay for analysis of G185T/KIT mutations complementing commercial in vitro diagnostic (IVD) methods, Hochschule Bonn-Rhein-Sieg, **2014**

Supervised Diploma Theses:

1. **Damaris Kukuk (Dipl.-Biol.in):** Analyse der Okazaki-Fragmente bei der Frühphase der HSV-1 Replikation; Mathematisch-Naturwissenschaftliche Fakultät der Rheinischen Friedrich-Wilhelms-Universität Bonn, 2004
2. **Sapuna Mary Mathews (Dipl.-Biol.in):** Intrazelluläre Lokalisation temperatursensitiver Varianten des origin binding protein des Humanen Herpes Virus Typ 1; Mathematisch-Naturwissenschaftliche Fakultät der Rheinischen Friedrich-Wilhelms-Universität Bonn, 2004
3. **Peter Stumpf (Dipl.-Biol.):** Analyse der Replikationsintermediate temperatursensitiver HSV 1 Varianten; Mathematisch-Naturwissenschaftliche Fakultät der Rheinischen Friedrich-Wilhelms-Universität Bonn, 2004

Supervised MD/PhD theses:

1. **Thomas Bernd Glatzel (Dr. med.):** Genomnachweis von humanem Metapneumovirus (hMPV) bei hospitalisierten Kindern; Rheinische Friedrich-Wilhelms-Universität, Medizinische Fakultät, **2008**
2. **Tilman Felix Geikowski (Dr. med.):** Die Rolle des humanen Metapneumovirus bei der Exazerbation eines Asthma bronchiale und der ambulant erworbenen Otitis media; Universität zu Bonn, Rheinische Friedrich-Wilhelms-Universität, Medizinische Fakultät, **2008**

3. **Dennis Klinkenberg (Dr. med.):** Die klinische Bedeutung des humanen Bocavirus: Eine retrospektive Untersuchung, eine prospektive Studie und eine matched pairs Analyse; Universität zu Bonn, Rheinische Friedrich-Wilhelms-Universität, Medizinische Fakultät, **2009**

4. **Vanessa Ditt (Dr. rer. nat.):** Etablierung von Zellkultur und Tiermodellen zum Studium neu identifizierter Atemwegspathogene (hMPV, hCoV-NL63 und SARS-CoV) Mathematisch-Naturwissenschaftliche Fakultät der Rheinischen Friedrich-Wilhelms-Universität Bonn, **2010**

5. **Susanne Bongardt (Dr. med.):** Einfluß der HMPV und RSV Infektion auf die mitochondriale Genexpression unter dem Aspekt der mitochondrialen Theorie des Alterns; Rheinische Friedrich-Wilhelms-Universität, Medizinische Fakultät, **2012**

6. **Monika Malecki (Dr. rer. nat.):** Studien zur Pathogenese des humanen Bocavirus; Private Universität Witten/Herdecke, Fakultät für Gesundheit, **2013**

7. **Somaya Khalfaoui (PhD, Dr. rer. nat.):** Morphological and Hemeostatic changes in the airway epithelia by the human bocavirus infection in vitro, Private Universität Witten/Herdecke, Fakultät für Gesundheit, **2015**

MD and PhD theses as co-referee

1. **Ernst Michael Rodermann (Dr. med.):** Vergleich von zwei dosisreduzierten Proetasehemmerkombinationen mit Indinavir/Rotinavir (400/100 mg vs. 600/100 mg) BID bei therapienaiven HIV-1 infizierten Patienten; Rheinische Friedrich-Wilhelms-Universität, Medizinische Fakultät, **2007**

2. **Nicola Tesch (Dr. med.):** HIV-Therapie mit dem Nukleosidanalogen Abacavir: Hypersensitivitätsreaktionen und HLA-B57-Status; Rheinische Friedrich-Wilhelms-Universität, Medizinische Fakultät, **2008**

3. **Ralf Kastenholz (Dr. med.):** Überprüfung der Wirkung von Strukturierten Therapiepausen auf den virologischen und immunologischen Verlauf bei Patienten mit einer akuten HIV-Infektion; Rheinische Friedrich-Wilhelms-Universität, Medizinische Fakultät, **2008**

J. Other

- Entry into ***Who's Who in Medicine and Healthcare***

- Entry into ***Who's Who in the World***
- Entry into ***Who's Who in Science and Engineering***
- AY825076-Genbank Accession
- Title page Journal of General Virology 85 (7), 2004
- Title page Journal of Medical Microbiology 54 (7), 2005