

JOERG JORES

DOB: 27/12/1969, **Nationality:** German

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EMPLOYMENT HISTORY

2016 – present: Professor and Director of the Institute of Veterinary Bacteriology at the University of Bern, Switzerland

Research projects:

- a) Investigation of host-pathogen interactions with focus on *Mycoplasma*
- b) Development of novel vaccines using synthetic genomics approaches
- c) Investigation host-pathogen interactions in hoof diseases of ruminants (Mortellaro & Ovine Foot Rot)

2005 – 2016: Principal scientist and Research Group Leader at the International Livestock Research Institute in the department of Vaccine Biosciences

Research projects:

- d) Development of novel diagnostic tests and vaccines to control diseases caused by members of the '*Mycoplasma mycoides* cluster'
- e) Characterization of bacterial and viral animal pathogens (camels, sheep, goats, cattle, dogs)

1999 – 2005: Scientific staff member at the Free University Berlin, Faculty of Veterinary Sciences, Institute of Microbiology and Epizootics

Research project: Characterisation of a Locus of Enterocyte Effacement (LEE) harbouring *Escherichia coli* (genetic characterization of the LEE, phylogeny and population genetics)

Head of the research group: Evolution and pathogenicity of gastrointestinal pathogens

1996 – 1999: Scientific staff member at the Robert Koch Institute in Berlin, Department of Horizontal Gene Transfer

Research project: Phenotypic and genotypic characterization of marine *Vibrio* strains from the Baltic Sea and cloning of their hemolysin gene

UNIVERSITY

- 2019 **de facto member of the European Collage of Veterinary Microbiology**
- 2015 **Venia docendi in the field bacteriology at the Vetsuisse Faculty/University of Bern**
- 2006 **Specialist degree, Microbiology (“Fachtierarzt für Mikrobiologie”)**
Jury: Prof Mohamed Hafez, Dr M. Hartung
- 2001 **Ph.D. in Veterinary Medicine (Dr med. vet.) Free University of Berlin**
Jury: Prof Lothar H. Wieler, Prof Georg Baljer and Prof Wolfgang Heuwieser.
- 1996 **DVM (Staatsexamen) in Veterinary Medicine**

PUBLISHED & ACCEPTED PEER-REVIEWED PAPERS

Total number: 74 (see Annex)

BOOK CHAPTERS

Peter Kuhnert and **Jörg Jores**, Title: Mycoplasma hyopneumoniae pathogenicity: the known and the unknown, in the book: Mycoplasmas in Swine, Editors: Dominiek Maes, Marina Sibia & Maria Pieters, Acco (Belgium), 2020, ISBN: 978-94-6379-796-2, Pages: 73-86

Tran Thi Nhu Thao*, Fabien Labroussaa*, Nadine Ebert, **Joerg Jores***, Volker Thiel*, Chapter 13: In-yeast assembly of coronavirus infectious cDNA clones using a synthetic genomics pipeline, to be published in the book: Coronaviruses - Methods and Protocols, Editors: Helena Maier, Erica Bickerton, Paul Britton, Springer (New York), Volume 2203, *equal contribution

TEACHING AND SUPERVISION OF STUDENTS

I am responsible for the entire veterinary bacteriology and mycology teaching portfolio at the Vetsuisse faculty in Bern. This includes lectures, curses and seminars given to veterinary students and Phil Nat students.

We are teaching the following subjects: diagnostic methods, public health, biology of microorganisms, clinical microbiology, phylogeny and evolution, vaccine strategies

No of current undergraduates: 3 PhD students, 3 DVM

No of undergraduates I supervised: 2 veterinary doctoral students (PhD equivalent), 2 DVM students, 5 MSc students

INFORMATION ON CURRENT OR PAST SOURCES OF RESEARCH FUNDING

Current competitive funding

1. Donor: Vaccine challenge fund from IDRC (Canada); Grant-ID: 108625-001, Project title: ‘Development of a novel vaccine for contagious caprine pleuropneumonia based on a fast-growing Mycoplasma feriruminatoris chassis’; Budget: 1,400,000 CAD; Duration: 11/2017-3/2020; Role: Principal Investigator; Partner institutions: J. Craig Venter Institute (USA), INRA (France)
2. Donor: National Science Foundation (USA), Grant-ID: IOS-1110151; Project title: ‘Special creative extension related to the project BREAD: Toward Development of a Vaccine for Contagious Bovine Pleuropneumonia’; Budget US\$1,879,282; Duration: 8/2015 - 4/2019; Role: Co- Principal Investigator; Partner institutions: J. Craig Venter Institute (USA), INRA (France)
3. Donor: Federal Ministry for Economic Cooperation and Development (Germany); Project title: Enhanced understanding of zoonotic pathogens in camel livestock systems - the case of MERS-CoV and hepatitis E’ Budget 100,000 €; Duration: 01/2016 - 01/2018; Role: Co-applicant; Partner institutions: Institute of Virology, University of Bonn Medical Centre (Germany)

4. Donor: GALVmed (UK); Project title: 'Development of a novel and robust live vaccine for contagious caprine pleuropneumonia (CCPP)' Budget US\$463,084; Duration: 2015-2017; Role: Principal Investigator; Partner institutions: University of Bern (Switzerland)
5. Donor: Federal Ministry for Economic Cooperation and Development (Germany); Project title: 'Development of an improved vaccine for progressive control of Contagious Bovine Pleuropneumonia' Budget 1,200,000 €; Duration: 04/2014 - 03/2017; Role: Principal Investigator; Partner institutions: Federal Research Institute for Animal Diseases (Germany), TiHo (Germany)
6. Donor: Bill and Melinda Gates Foundation (USA); Project title: Supplement funding for an immunology component related to the grant 'Study of efficacy and safety of BEN-1 vaccine for CBPP in Africa' Budget US\$299,728; Duration: 8/2015 - 6/2016; Role: Principal Investigator; Partner institutions: CIRAD (France), CVL (Zambia), Harbin Veterinary Research Institute (China), PANVAC (Ethiopia)
7. Donor: National Science Foundation (USA); Project title: 'BREAD: Toward Development of a Vaccine for Contagious Bovine Pleuropneumonia'; Budget US\$2,168,865; Duration: 2/2012 - 7/2015; Role: Co- Principal Investigator; Partner institutions: J. Craig Venter Institute (USA), INRA (France)
8. Donor: Bill and Melinda Gates Foundation (USA); Project title: 'Diagnostics for the control and eradication of diseases in plants and livestock' Budget US\$250,000; Duration: 1/2014 - 06/2015; Role: Co-applicant, Partner institutions: University of Wisconsin-Madison
9. Donor: Federal Ministry for Economic Cooperation and Development (Germany); Project title: 'Accelerating CBPP research towards a better vaccine through the application of synthetic biology'; Budget 290,944 €; Duration: 09/2011 - 12/2014; Role: Principal Investigator
10. Donor: Federal Ministry for Economic Cooperation and Development (Germany); Project title: 'Enhanced Control of CBPP in sub-Saharan Africa through Development of Better Diagnostics and Vaccines' Budget \$1,200,000 €; Duration: 05/2010 - 06/2014; Role: Principal Investigator; Partner institutions: KALRO (Kenya), CVL (Namibia), TiHo (Germany), Federal Research Institute for Animal Diseases (Germany)
11. Donor: AusAid-CSIRO (Australia); Project title: 'Enhanced control of CBPP through the development of an inactivated vaccine – proof of concept' Budget 125,000 Australian \$; Duration: 8/2011 - 8/2013; Role: Principal Investigator, Partner institutions: KALRO (Kenya), University of Melbourne (Australia)
12. Donor: Italian Ministry of Health (Italy); Project title: 'Protein identification of *Mycoplasma mycoides* subsp. *mycoides* SC antigen spectrum' Budget: 179,880 €; Duration: 01/2009-07/2012; Role: Co- Principal Investigator; Partner institutions: The Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise 'Giuseppe Caporale' (Italy)
13. Donor: FAO/International Atomic Energy Agency Joint Division (Austria); Project title: 'Evaluation of 20 Expression Antigens of *Mycoplasma mycoides* SC for Their Useful Application in Disease Diagnosis'; Budget: 10,000 €; Duration: 02/2009-02/2011; Role: Principal Investigator
14. Donor: Sida (Sweden); Project title: 'Sustainable collaborative research between SLU, Uppsala and the International Livestock Research Institute, Nairobi, Kenya in the field of genomics, bioinformatics and immunoinformatics' Budget: US\$65,000; Duration: 2007 – 2008; Role: Co-applicant; Partner institutions: SLU (Sweden)
15. Donor: Federal Ministry for Economic Cooperation and Development (Germany); Project title: 'Investigating the pathogenicity mechanisms of contagious bovine pleuropneumonia (CBPP) - the most devastating cattle disease in Africa' Budget: 50,000 €, Duration: 04/2008 - 08/2009, Role: Principal Investigator, Partner institutions: TiHo (Germany), Federal Research Institute for Animal Diseases (Germany)
16. Donor: Federal Ministry for Economic Cooperation and Development (Germany); Project title: 'Application of genomics to camel *Streptococcus agalactiae*: Development of vaccines and diagnostics to support camel milk marketing through improved control of mastitis' Budget: 64,890 €, Duration: 07/2007 - 06/2008, Role: Co-applicant
17. Donor: Federal Ministry for Economic Cooperation and Development (Germany); Project title: 'Development of new diagnostic tools for contagious bovine pleuropneumonia: identification of appropriate antigens using a proteomics approach' Budget: 20,000 €, Duration: 07/2006 - 07/2008,

Role: Principal Investigator; Partner institutions: TiHo (Germany), Federal Research Institute for Animal Diseases (Germany)

18. Donor: FAO/International Atomic Energy Agency Joint Division (Austria); Project title: 'Production of reference sera, nasal swabs and broncho-alveolar lavage samples from five CBPP infected cattle' Budget: 5,000 €; Duration: 05/2006 - 01/2008; Role: Principal Investigator

SCIENTIFIC COLLABORATIONS AND VALUATIONS

Ad hoc reviewer for the journals: ACS Synthetic Biology, African Journal of Agricultural Research, African Journal of Biotechnology, Berliner und Münchener Tierärztliche Wochenschrift, BMC Complementary and Alternative Medicine, BMC Microbiology, BMC Veterinary Research, Cellular Microbiology, Clinical and Vaccine Immunology, Comparative Immunology, Microbiology & Infectious Diseases, Emerging Infectious Diseases, Eurosurveillance, FEMS Microbiological Letters, Frontiers in Microbiology, Infection and Immunity, Journal of Clinical Microbiology, Microbial Pathogenesis, PLoS GENETICS, PLoS ONE, Schweizer Archiv für Tierheilkunde, Science Advances, Small Ruminant Research, SpringerPlus, The Veterinary Journal, Transboundary and Emerging Diseases, Vaccine, Veterinary Immunology and Immunopathology, Veterinary Microbiology, Veterinary Pathology, Veterinary Research Communications.

Ad hoc reviewer for funding agencies: Bill and Melinda Gates Foundation, European Union, Genome British Columbia/Genome Canada, German Federal Ministry of Economic Collaboration and Development, German Federal Ministry of Education and Research, Africa Biosciences Challenge Fund/ Biosciences Eastern and Central Africa, Purdue US Borlaug Fellows in Global Food Security, Branco Weiss Fellowship

Editorial Board Member: Pathogens (ISSN 2076-0817; CODEN: PATHCD) published quarterly online by MDPI.

Missions:

- GALVmed Expert Scientific Advisory Committee Meeting, invited scientific expert, Edinburgh (UK), February 29 - March 1, 2016
- Invited speaker at the FAO-technical meeting on "MERS-CoV", FAO headquarters, Rome, January 21-22, 2016
- Invited speaker at the FAO-technical consultation entitled 'Can CBPP be eradicated', FAO headquarters, Rome (Italy), October 14-16, 2015
- 'Evidence on Demand (DFID)' commissioned consultancy on MERS-CoV in Africa: 'Middle East Respiratory Syndrome-Coronavirus in Camels: An Overview for Sub-Saharan and North Africa', 2015
- IAEA/FAO technical co-operation expert mission in Uganda, Improving Diagnostic Capacity in Animal Diseases, Project no. UGA5030 01, 2009

Other Activities:

- Scientific program committee member of the European Mycoplasma Conference, London (UK), March 18-19, 2019
- International Organization of Mycoplasma: Board of Directors (At-large member) 2016-2018
- Organizer of the international workshop "Contagious Bovine Pleuropneumonia and Contagious Caprine Pleuropneumonia: an update on the current knowledge base" in Bern, Switzerland 31st January until 1st February 2018
- Scientific program committee member of the 20th Congress of the International Organization for Mycoplasma, Blumenau (Brazil), June 1-6, 2014
- Organizer of the international workshop "Contagious Bovine Pleuropneumonia, what is known, what is unknown and what do we need to know in order to better control the disease in Africa" in Addis Ababa (Ethiopia) January 24-26, 2013

SELECTED ORAL PRESENTATIONS

- Keynote speaker at the 36th Meeting of the of Veterinary Diagnostics Working Group (AVID) of the German Veterinary Society (DVG), Title: *Mycoplasma*-caused pleuropneumonia of ruminants in Africa, Banz Monastery Educational Center (Germany), (Germany), September 13-15, 2017
- Keynote speaker at the International Workshop: Bringing Diagnostic Prototypes to the Point Of Care, Title: Research towards the development of better control measures for CBPP, Nairobi (Kenya), June 25-29, 2012
- Invited speaker from the National Science Foundation and the Bill and Melinda Gates Foundation to present the research project: BREAD: Toward Development of a Vaccine for Contagious Bovine Pleuropneumonia to Bill Gates in person at the BMGF headquarters, Seattle (USA), July 13, 2011
- Presentation of the research of my team to the German chancellor Angela Merkel, Nairobi (Kenya), July 12, 2011
- Keynote speaker at the 39th Seminar on Experimental Animals and Animal Experimentation, Title: An African Perspective on Animal Husbandry of Livestock under experimental conditions, Berlin (Germany), September 14-15, 2010
- Invited speaker at the FAO/IAEA joint division meeting on CBPP, Title: Development of new diagnostic tools for CBPP, identification of specific antigens and future activities, Bamako (Mali), April 21-25, 2008

TECHNICAL BACKGROUND

Sequencing, diverse PCR techniques, RFLP, classical bacteriology, cloning, mutagenesis, genomic bank, southern blot, 2D gel electrophoresis, western blot, ELISA, ELISpot, cell culture, flow cytometry, planning and execution of *in vivo* experiments, synthetic genomics, phage display, antibody engineering

PATENTS

Provisional patent of the United Staates, application No. 62/195,581 for Mycoplasma vaccine

MEMBERSHIPS

- ESCMID study group for Mycoplasma and Chlamydia Infections
- International Organization of Mycoplasmaology
- Swiss Society of Veterinarians
- Swiss Society of Microbiology

LANGUAGE SKILLS

German: Mother tongue
English: Fluent
French: Basic - intermediate
Russian: Basic

ANNEX 1: PEER-REVIEWED PUBLICATIONS

Submitted, accepted and published papers

- 81) Hatice Akarsu, Isabelle Brodard, Sonja Kittl, Gudrun Overesch, and **Joerg Jores**, Complete genome sequences of four *Brucella suis* strains isolated from Swiss wild boars, *Microbial Resource Announcements*, 9: e01048-20, DOI: 10.1128/MRA.01048-20
- 80) Flavio Sacchinia, Anne Liljander, Martin Heller, Jane E Poole, Horst Posthaus, Elise Schieck, and **Joerg Jores** (2020) Reproduction of contagious bovine pleuropneumonia via aerosol-based challenge with *Mycoplasma mycoides* subsp. *mycoides*, *Acta Veterinaria Scandinavica*, 62: 62
- 79) Sonja Kittl, Thierry Francey, Isabelle Brodard, Francesco C. Origgi, Stéphanie Borel, Marie-Pierre Rysler-Degiorgis, Ariane Schweighauser, **Joerg Jores** (2020) First European report of *Francisella tularensis* subsp. *holarctica* isolation from a domestic cat, *Veterinary Research*, 51: 109, DOI: 10.1186/s13567-020-00834-5
- 78) Tran Thi Nhu Thao, Fabien Labroussaa, Nadine Ebert, Philip V'kovski, Hanspeter Stalder, Jasmine Portmann, Jenna Kelly, Silvio Steiner, Melle Holwerda, Annika Kratzel, Mitra Gultom, Laura Laloli, Linda Hüsser, Manon Wider, Stephanie Pfaender, Dagny Hirt, Valentina Cippà, Silvia Crespo-Pomar, Simon Schröder, Doreen Muth, Daniela Niemeyer, Victor M. Corman, Marcel A. Müller, Christian Drost, Ronald Dijkman, **Joerg Jores***, Volker Thiel* (2020), Rapid reconstruction of SARS-CoV-2 using a synthetic genomics platform, *equal contribution, *Nature*, 582: 561-565, DOI: 10.1038/s41586-020-2294-9
- 77) **Joerg Jores**, Cynthia Baldwin, Alain Blanchard, Glenn Browning, Angie Colston, Volker Gerdts, Danny Goovaerts, Martin Heller, Nick Juleff, Fabien Labroussaa, Anne Liljander, Geoffrey Muuka, Vishvanath Nene, Ran Nir-Paz, Flavio Sacchini, Artur Summerfield, François Thiaucourt, Hermann Unger, Sanjay Vashee, Xiumei Wang, and Jeremy Salt (2020) Contagious Bovine and Caprine Pleuropneumonia: a research community's roadmap for the development of better vaccines, *NPJ Vaccines*, 5: 66, DOI: 10.1038/s41541-020-00214-2
- 76) Fabien Labroussaaa, Andreas Thomann, Pamela Nicholson, Laurent Falquet* and **Joerg Jores***, (2020) Complete genome sequence of *Mycoplasma feriruminatoris* strain IVB14/OD_0535, isolated from an Alpine Ibex in a Swiss zoo, *equal contribution, *Microbiology Resource Announcements*, 9: e01528-19, DOI: 10.1128/MRA.01528-19
- 75) Magdalena Nüesch-Inderbinnen, Patrick Kindle, Melinda Baschera, Anne Liljander, **Joerg Jores**, Victor Max Corman, Roger Stephan (2020) Antimicrobial resistant and extended-spectrum β -lactamase (ESBL) producing *Escherichia coli* isolated from fecal samples of African dromedary camels, *Scientific African*, 7: e00274, DOI: 10.1016/j.sciaf.2020.e00274a
- 74) Peter Kuhnert, Isabelle Brodard, Maher Alsaad, Adrian Steiner, Michael H. Stoffel, **Joerg Jores** (2020) *Treponema phagedenis* (ex Noguchi 1912) sp. nov., nom. rev. isolated from bovine digital dermatitis, *International Journal of Systematic and Evolutionary Microbiology*, 70: 2115–2123, DOI: 10.1099/ijsem.0.004027
- 73) Jeremy Salt, **Joerg Jores**, Diba Dida Wako, Salome W. Kairu-Wanyoike, Fabien Labroussaa, Vish Nene, Kristin Stuke, Musa Mulongo, Elise Schieck, Pascal Sirand-Pugnet (2019) Vaccination against CCPP in East Africa, *Veterinary Record*, 187: 272, DOI: 10.1136/vr.15353
- 72) Stefanie Gobeli Brawand, Sonja Kittl, Martina Dettwiler, Andreas Thomann, Simon Feyer, José Cachim, Grégoire Theubet, Nicole Liechti, Matthias Wittwer, Nadia Schürch, Simone Oberhänsli, Andreas Heinimann, **Joerg Jores** (2019) An unusual case of bovine anthrax in the canton of Jura, Switzerland in 2017, *BMC Veterinary Research*, 15: 265, DOI: 10.1186/s12917-019-1996-4

- 71) Yenehiwot Berhanu Weldearegay, Sandy Müller, Jana Hänske, Anja Schulze, Aline Kostka, Nancy Rüger, Ralph Brehm, Peter Valentin-Weigand, Robert Kammerer, **Joerg Jores**, Jochen Meens (2019) Host-pathogen interactions of *Mycoplasma mycoides* in caprine and bovine Precision-Cut Lung Slices (PCLS) models, **Pathogens**, DOI: 10.3390/pathogens8020082
- 70) Melanie Schumacher, Pamela Nicholson, Michael Stoffel, Suchismita Chandran, Helga Mogel, Sanjay Vashee, **Joerg Jores*** and Fabien Labroussaa* (2019) L- α -glycerophosphate oxidase is a cytoplasmic enzyme in members of the '*Mycoplasma mycoides* cluster', **Frontiers in Microbiology**, *equal contribution, DOI: 10.3389/fmicb.2019.01344
- 69) Peter Kuhnert, Valentina Cippà, M.C. Härdi-Landerer, A. Jaussi, Marion Schmicke, Iwan Locher, Adrian Steiner, **Joerg Jores** (2019) Early Infection Dynamics of *Dichelobacter nodosus* During an Ovine Experimental Footrot In Contact Infection, **Schweizer Archiv für Tierheilkunde**, 161: 465-472, DOI: 10.17236/sat00215
- 68) Carole Lartigue, Yanina Valverde Timana, Fabien Labroussaa, Elise Schieck, Anne Liljander, Flavio Sacchini, Horst Posthaus, Brigitte Batailler, Pascal Sirand-Pugnet, Sanjay Vashee, Joerg Jores*, Alain Blanchard* (2019) Attenuation of a pathogenic mycoplasma strain by precise modification of the obg gene using synthetic biology approaches, **mSphere**, 4: e00030-19. DOI: 10.1128/mSphere.00030-19, *equal contribution
- 67) Maher Alsaad, Iwan Locher, **Joerg Jores**, Adrian Steiner, Peter Kuhnert (2019) Detection of pathogenic *Treponema* species and *Dichelobacter nodosus* from digital dermatitis (Mortellaro) lesions in Swiss cattle, **Schweizer Archiv für Tierheilkunde**, 161: 207-215, DOI: 10.17236/sat00201
- 66) **Joerg Jores**, Li Ma, Paul Ssajjakambwe, Elise Schieck, Anne Liljander, Suchismita Chandran, Michael Stoffel, Valentina Cippa, Yonathan Arfi, Nacyra Asad-Garcia, Laurent Falquet, Pascal Sirand-Pugnet, Alain Blanchard, Carole Lartigue, Horst Posthaus, Fabien Labroussaa, Sanjay Vashee (2019), Removal of a subset of non-essential genes fully attenuates a highly virulent *Mycoplasma* strain, **Frontiers in Microbiology**, DOI: 10.3389/fmicb.2019.00664
- 65) Melinda Baschera, Nicole Cernela, Mark J. Stevens, Anne Liljander, **Jörg Jores**, Victor Max Corman, Magdalena Nüesch-Inderbinen, Roger Stephan (2019) Shiga toxin-producing *Escherichia coli* (STEC) isolated from fecal samples of African dromedary camels, **One Health**, DOI: <https://doi.org/10.1016/j.onehlt.2019.100087>
- 64) Anne Liljander, Flavio Sacchini, Michael H. Stoffel, Elise Schieck, Nadine Stokar-Regenscheit, Fabien Labroussaa, Martin Heller, Jeremy Salt, Joachim Frey, Laurent Falquet, Danny Goovaerts, and **Joerg Jores** (2019) Reproduction of contagious caprine pleuropneumonia reveals the ability of convalescent sera to reduce hydrogen peroxide production *in vitro*, **Veterinary Research**, 50: 10
- 63) **Joerg Jores**, Elise Schieck, Anne Liljander, Flavio Sacchini, Horst Posthaus, Carole Lartigue, Alain Blanchard, Fabien Labroussaa, Sanjay Vashee (2019) In vivo role of capsular polysaccharide in *Mycoplasma mycoides*, **The Journal of Infectious Diseases**, 219: 1559-1563
- 62) Racheal Aye, Yenehiwot Berhanu Weldearegay, Harrison Lutta, Francis Chuma, Andreas Pich, **Joerg Jores**, Jochen Meens and Jan Naessens (2018) Identification of potential *Mycoplasma mycoides* subsp. *mycoides* candidate potential vaccine targets through the selection of monoclonal antibodies that inhibit pathogen-host cell adhesion, **Veterinary Immunology and Immunopathology**, 204:11-18, DOI: 10.1016/j.vetimm.2018.09.002
- 61) Sonja Kittl, Isabelle Brodard, Lorenz Rychener, **Jörg Jores**, Petra Roosje, Stefanie Gobeli Brawand (2018) Otitis in a cat associated with *Corynebacterium provencense*, **BMC Veterinary Research**, 18: 200
- 60) Julian Rothen, Tobias Schindler, Joël F. Pothier, Mario Younan, Ulrich Certa, Claudia Daubenberger, Valentin Pflüger, **Jörg Jores** (2017) Draft Genome Sequences of Seven

Streptococcus agalactiae Strains Isolated from *Camelus dromedarius* at the Horn of Africa, **Genome Announcements**, DOI: 10.1128/genomeA.00525-17

- 59) Lillian Wambua, Bernd Schneider, Cassandra Olds, Allan Okwaro, Joseph Odhiambo, Olive Imali, Peninah Nduku Wambua, Lavender Agutu, Chris S. Jones, Daniel Masiga, Charles Midega, Zeyaur Khan, **Joerg Jores**, and Anne Fischer (2017) Development of field-applicable tests for rapid and sensitive detection of *Candidatus Phytoplasma oryzae*, **Molecular and Cellular Probes**, 35: 44-56
- 58) Pamela Nicholson, Mohammed Ahmed Fathi, Anne Fischer, Chadag Mohan, Elise Schieck, Nischay Mishra, Andreas Heinemann, Joachim Frey, Barbara Wieland, **Joerg Jores** (2017) Detection of Tilapia Lake Virus in Egyptian fish farms experiencing high mortalities in 2015, **Journal of Fish Diseases**, 40: 1925–1928
- 57) Stephanie Walter, Andrea Rasche, Andres Moreira-Soto, Stephanie Pfaender, Magda Bletsa, Victor Max Corman, Alvaro Aguilar-Setien, Fernando García-Lacy, Aymeric Hans, Daniel Todt, Gerhard Schuler, Anat Shnaiderman-Torban, Amir Steinman, Cristina Roncoroni, Vincenzo Veneziano, Nikolina Rusenova, Nikolay Sandev, Anton Rusenov, Dimitrinka Zapryanova, Ignacio García-Bocanegra, **Joerg Jores**, Augusto Carluccio, Maria Cristina Veronesi, Jessika M.V. Cavalleri, Christian Drosten, Philippe Lemey, Eike Steinmann and Jan Felix Drexler, (2017) Differential infection patterns and recent evolutionary origins of equine hepaciviruses in donkeys, **Journal of Virology**, 91: e01711-16
- 56) Victor M. Corman, Isabella Eckerle, Zaid Memish, Anne Liljander, Ronald D. Dijkman, Hulda R. Jonsdottir, Kisi J. Juma Ngeiywa, Esther Kamau, Mario Younan, Malakita Al Masri, Abdullah Assiri, Ilona Gluecks, Bakri E. Musa, Benjamin Meyer, Marcel A. Müller, Mosaad Hilali, Set Bornstein, Ulrich Wernery, Volker Thiel, **Joerg Jores**, Jan F. Drexler Christian Drosten (2016) Origin of a ubiquitous human coronavirus from dromedary camels, **Proceedings of the National Academy of Sciences USA**, 113: 9864-9869, DOI: 10.1073/pnas.1604472113
- 55) Andrea Rasche, Muhammad Saqib, Anne M. Liljander, Set Bornstein, Ali Zohaib, Stefanie Renneker, Katja Steinhagen, Renate Wernery, Mario Younan, Ilona Gluecks, Mosaad Hilali, Bakri E. Musa, Joerg Jores, Ulrich Wernery, Jan Felix Drexler, Christian Drosten, Victor Max Corman (2016) Hepatitis E Virus Infection in Dromedaries, North and East Africa, United Arab Emirates, and Pakistan, 1983–2015, **Emerging Infectious Diseases**, 22: 1249-1252, DOI: 10.3201/eid2207.160168
- 54) Yonathan Arfi, Laetitia Minder, Carmelo di Primo, Aline le Roy, Christine Ebel, Laurent Coquet, Stephane Claverol, Sanjay Vashee, **Joerg Jores**, Alain Blanchard, Pascal Sirand-Pugnet (2016) MIB-MIP: a mycoplasma system to capture and cleave immunoglobulin G, **Proceedings of the National Academy of Sciences USA**, 113: 5406-5411, DOI: 10.1073/pnas.1600546113
- 53) Fischer Anne, Ivette Santa-Cruz, Lillian Wambua, Cassandra Olds, Charles Midega, Matthew Dickinson, Praphat Kawicha, Zeyaur Khan, Daniel Masiga, **Joerg Jores**, Bernd Schneider (2016) A draft genome sequence of *Candidatus Phytoplasma oryzae* strain Mbita1, the causative agent of Napier Grass stunt disease in Kenya, **Genome Announcements**, 4: e00297-16
- 52) Martin Heller*, Nimmo Gicheru*, Victoria Andres, Georgina Tjipura-Zaire, Cecilia Muriuki, Ana Botelho, Jan Naessens, **Joerg Jores*** and Anne Liljander* (2016) Development of a novel cocktail ELISA and a field-applicable lateral flow rapid test for diagnosis of contagious bovine pleuropneumonia, *equal contribution, **Journal of Clinical Microbiology**, 54: 1557-1565, DOI: 10.1128/JCM.03259-15
- 51) Géraldine Gourgues, Aurélien Barré, Emmanuel Beaudoin, Johann Weber, Ghislaine Magdelenat, Valérie Barbe, Elise Schieck, **Joerg Jores**, Sanjay Vashee, Alain Blanchard, Carole Lartigue, and Pascal Sirand-Pugnet (2016) Complete Genome sequence of *Mycoplasma*

mycoides subsp. *mycoides* T1/44, vaccine strain against contagious bovine pleuropneumonia, **Genome Announcements**, DOI:10.1128/genomeA.00263-16

- 50) Anne Liljander*, Benjamin Meyer*, **Joerg Jores**, Erik Lattwein, Ian Njeru, Bernard Bett, Christian Drosten, Victor Max Corman (2016) MERS-CoV Antibodies in Humans, Africa, 2013–2014, **Emerging Infectious Diseases**, 22: 1086-9, DOI: 10.3201/eid2206.160064 *equal contribution
- 49) Isabel Nkando*, Jose Perez-Casal*, Martin Mwirigi, Tracy Prysliak, Hugh Townsend, Emil Berberov, Joseph Kuria, John Mugambi, Reuben Soi, Anne Liljander, **Joerg Jores**, Volker Gerdts, Andrew Potter, Jan Naessens, Hezron Wesonga (2016) Recombinant proteins of *Mycoplasma mycoides* subsp. *mycoides* elicit protective immune responses against contagious bovine pleuropneumonia, *equal contribution, **Veterinary Immunology and Immunopathology**, 171: 103-14
- 48) Anja Sterner-Kock, Wolfram Haider, Flavio Sacchini, Anne Liljander, Jochen Meens, Jane Poole, Maria Guschlbauer, Martin Heller, Jan Naessens, and **Joerg Jores** (2016) Immunohistochemical expression of the proinflammatory cytokines IL-1 β , IL-17A and TNF- α in lung lesions of contagious bovine pleuropneumonia, **Tropical Animal Health and Production**, 48: 569-576
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