

Curriculum vitae
Dr. med. vet. Claudia Schulz

1. Personal information

Dr. med. vet. Claudia Schulz, Veterinary Specialist for Virology

Current position: Post-doctoral researcher, virology
Contact: Stiftung Tierärztliche Hochschule Hannover (TiHo), Research Center for Emerging Infections and Zoonoses (RIZ), Hannover, Germany
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Date of birth: 18 August 1981

2. Scientific expertise

- Pathogenesis, epidemiology, and diagnosis of notifiable animal diseases, vector-borne diseases and zoonoses
- Animal experimental infection models and alternatives to animal experiments
- Virus inactivation

3. Academic education and research positions

Since 2019	Post-doctoral researcher, RIZ, TiHo Hannover, in cooperation with Institute for Experimental Virology, HPI Hamburg, Germany
2016-2019	Post-doctoral researcher, Institute for Parasitology, TiHo Hannover, Germany
2012-2016	Post-doctoral researcher, Friedrich-Loeffler-Institute, Institute of Diagnostic Virology, Reference Laboratory for BTV, AHSV, PPRV, LSDV, Insel Riems, Germany
2011	Guest researcher, Vetsuisse Faculty, Veterinary Public Health Institute, Bern Switzerland
2012	Dr. med. vet., Department of Veterinary Medicine, Institute of Parasitology, Justus Liebig University, Giessen, Germany
2002-2008	Studies in Veterinary Medicine, Ludwig Maximilian University, Munich, Germany
2004-2005	Studies in Veterinary Medicine, École National Vétérinaire de Lyon, France (Socrates/Erasmus program)

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4. Professional experience

Since 2020	Qualification in professional teaching: Course Professional Teaching, TiHo Hannover, Germany
Since 2020	Head of BSL2 Corona diagnostic laboratory, RIZ, TiHo Hannover, Germany
Since 2019	Permission according to §44 IfSG
Since 2019	Head of veterinary pharmacy, RIZ, TiHo Hannover, Germany
Since 2018	Biosafety expert for BSL3 according to TRBA 200
2018 and 2019	Advanced training courses in animal experimentation, animal welfare and skills for personnel that plan and conduct animal experiments (“Tierschutzgerechter Umgang mit Versuchstieren” formerly FELASA B and C courses) according to Anl. 1 Abs. 3 TierSchVersV and attachment V, Art. 23 and 24 of Directive 2010/63/EU
2014	Biosafety expert for genetically modified organisms according to §15 GenTSV
2013-2016	Advanced postgraduate training “Veterinary Specialist for Virology”
2011	Advanced training in epidemiology and biostatistics, Graduate school University of Berne, Switzerland

5. Other professional activities, funding, and awards

Since 2019	Consulting Agreement with Pennsylvania State University, USA to support planning, implementation and analysis of animal trials with Pest-des-petits-ruminants-virus in Ethiopia. Project-director: Vivek Kapur
Since 2019	PostDoc representative in PhD commission study program “Animal and Zoonotic Infections”
2019	Scientific consultant, Controlling PPR at the livestock/wildlife interface meeting. Food and Agriculture Organisation of the United Nations (FAO), Rome. 03.2019
2017-2018	Deputy of PostDoc representative in PhD commission study program “Animal and Zoonotic Infections”
2017	COST Action CA15116 (ASF-STOP) Short Term Scientific Mission (STSM). “Training on tools to estimate wild boar population status“. Guest institution: University of Castilla - La Mancha (UCLM), Instituto de Investigación en Recursos Cinegéticos (IREC), Spanien.

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Since 2016	Foundation and board member (Secretary), „Verein zur Förderung der Forschung im Gesundheitssektor von Lamas und Alpakas e.V.“ (German Association for funding of research in the health sector of llamas and alpacas)
2016	Funding application for research in the role of pigs in the epidemiology of PPRV and validation of diagnostic methods to detect PPRV infection in neglected host species. Funding in 2017 at FLI, Isle of Riems
2013	“Best Scientific Oral Presentation”, 16 th Intern. Symposium WAVLD, Berlin, Germany
2011	European Wildlife Disease Association (EWDA) Funding to attend 4 th EWDA Student Workshop “Infectious Disease Management”, France
2009-2011	PhD Student representative, Institute for Parasitology, Justus-Liebig-University Giessen, Germany
2008-2009	Partial funding of doctoral thesis by Verein der Züchter, Halter und Freunde von Neuweltkameliden e.V.
2008-2009	Partial funding of doctoral thesis by Alpaka Zucht Verband Deutschland e.V. (AZVD)
2007	DAAD travel grant for practical veterinary training at Wellington Zoo, Wellington, New Zealand
2006-2007	Head of regional student group, Veterinary without borders e.V., Munich
2005	Travel grant by Ludwig Maximilian University, Munich, Germany, for practical veterinary training at Clinica Bustelo & Biglieri, Mendoza, Argentina
2004-2005	SOCRATES/ERASMUS grant for Veterinary Education at École Nationale Vétérinaire de Lyon, France
2002-2008	Student representative, Faculty of Veterinary Medicine, LMU Munich

6. Other experiences

2018-2019	Custodial care of nephew
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7. Ten most important publications

1. Schulz, C*, Wylezich, C. *, Wernike, K., Gründl, M., Dangel, M., Baechlein, C., Hoffmann, D., Röhrs, S., Hepner, S., Ackermann, N., Sing, A., Pink, I, Länger, B., Volk, H.A., Becher, P., Sutter, G., Neubauer-Juric, A., von Köckritz-Blickwede, M., Beer, M., Volz, A. Prolonged SARS-CoV-2 RNA shedding from therapy cat after cluster outbreak in retirement home. Emerg Inf Dis. 27. <https://doi.org/10.3201/EID2707.204670>

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2. Boelke, M., Puff, C., Becker, K., Hellhammer, F., Gusmag, F., Marks, H., Liebig, K., Stiasny, K., Dobler, G., Baumgärtner, W., Schulz, C., Becker, S.C. Enteric ganglioneuritis, a common feature in a subcutaneous TBEV murine infection model. *Microorganisms* 9, 875.
<https://doi.org/10.3390/microorganisms9040875>
3. Jendrny, P., Schulz, C., Twele, F., Meller, S., von Köckritz-Blickwede, M., Osterhaus, ADME, Ebbers, J., Pilchová, V., Pink, I., Welte, T., Manns, M. P., Fathi, A., Ernst, C., Addo, M.M., Schalke, E., Volg, H. A., 2020. Scent dog identification of samples from COVID-19 patients - a pilot study. *BMC Infect Dis* 20, 536. <https://doi.org/10.1186/s12879-020-05281-3>.
4. Schulz, C., Gabriel, G. & von Köckritz-Blickwede, M., 2019. Detrimental Role of Neutrophil Extracellular Traps during Dengue Virus Infection. *Trends Immunol*, 41(1), 3-4.
<https://doi.org/10.1016/j.it.2019.11.010>.
5. Schulz, C., Fast, C., Wernery, U., Kinne, J., Joseph, S., Schlottau, K., Jenckel, M., Höper, D., Georgy Patteril, N., A., Syriac, G., Hoffmann, B., Beer, M., 2019. Camelids and Cattle Are Dead-End Hosts for Peste-des-Petits-Ruminants Virus. *Viruses*, 11(12), 1133
<https://doi.org/10.3390/v11121133>.
6. Schulz, C., Fast, C., Schlottau, K., Hoffmann, B., Beer, M., 2018. Neglected hosts of small ruminant morbillivirus (PPRV). *Emerg. Inf. Dis.* 24, 2334-2337.
<http://dx.doi.org/10.3201/eid2412.180507>.
7. Boelke, M., Besthorn, M., Marchwald, B., Kubinski, M., Liebig, K., Glanz, J., Schulz, C., Dobler, G., Monazahian, M., Becker, S.C., 2019. First isolation and phylogenetic analyses of tick-borne encephalitis virus in Lower Saxony, Germany. *Viruses*. 11(5), 462.
<http://dx.doi.org/10.3390/v11050462>
8. Schulz, C., Bréard, E., Sailleau, C., Jenckel, M., Viarouge, C., Vitour, D., Palmarini, M., Gallois, M., Höper, D., Hoffmann, B., Beer, M., Zientara, S., 2016. Bluetongue virus serotype 27: Detection and characterization of two novel variants in Corsica, France. *J. Gen. Virol.* 97, 2073-2083.
<http://dx.doi.org/10.1099/jgv.0.000557>
9. Schulz, C., van der Poel, W.H., Ponsart, C., Cay, A.B., Steinbach, F., Zientara, S., Beer, M., Hoffmann, B., 2015. European interlaboratory comparison of Schmallenberg virus (SBV) real-time RT-PCR detection in experimental and field samples: The method of extraction is critical for SBV RNA detection in semen. *J. Vet. Diagn. Invest.* 27, 422-430.
<http://dx.doi.org/10.1177/1040638715593798>.
10. Schulz, C., Eschbaumer, M., Ziller, M., Wäckerlin, R., Beer, M., Gauly, M., Grevelding, C.G., Hoffmann, B., Bauer, C., 2012. Cross-sectional study of bluetongue virus serotype 8 infection in South American camelids in Germany (2008/2009). *Vet. Microbiol.* 160, 35-42.
<http://dx.doi.org/10.1016/j.vetmic.2012.05.028>.

*shared first authorship