



## Curriculum Vitae

Personal information **Sabine Weisheit-Vattekar**

### Work experience

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March 2023- Now	CTCG safety subgroup member
May 2022- Now	Task Lead, SAFE-CT
Nov 2019- Now Norway	Senior Advisor, Norwegian Medical products agency, Oslo,
Dec 2014- Aug 2018 Oslo, Norway	Postdoctoral Researcher, The Norwegian Radium Hospital,
Nov 2016 - Jun 2017	Freelance Editor, Cactus Communications
Aug 2014- Dec 2014 Woking, UK	Postdoctoral Research Assistant, The Pirbright Institute,

### Education and training

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Oct 2010 - Aug 2014	PhD in Virology, The University of Edinburgh, Scotland
Oct 2008 - Oct 2010 Medizin Berlin, Germany	Master of Science in Toxicology, Charité Universitäts
Oct 2005 - Aug 2008 München, Germany	Bachelor of Science in Pharmaceutical sciences, LMU,

### Additional information

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#### Publications

- 2021** Weisheit, S., Wegner, C.S., Ailte, I., Radulovic, M., Weyergang, A., Selbo, P.K., Breach, A. (2021) Inhibiting autophagy increases the efficacy of low-dose PDT. *Biochemical Pharmacology* doi: 10.1016/j.bcp.2021.114837
- 2017** Olsen, C.E., Weyergang A., Edwards, V.T., Berg, K., Brech, A., **Weisheit, S.**, Høgset, A., Selbo, P.K. (2017) Development of resistance to photodynamic therapy (PDT) in human breast cancer cells is photosensitizer-dependent: Possible mechanisms and approaches for overcoming PDT-resistance. *Biochemical Pharmacology* doi: 10.1016/j.bcp.2017.08.002
- 2016** Bell-Sakyi, L., **Weisheit, S.**, Rückert, C., Barry, G., Fazakerley, J., Fragkoudis, R. (2016) Microscopic visualization of zoonotic arbovirus replication in tick cell and organ cultures using Semliki Forest Virus reporter systems. *Veterinary Sciences* doi: 10.3390/vetsci3040028
- 2015** **Weisheit, S.**, Villar, M., Tykalová, H., Popara, M., Loecherbach, J., Watson, M., Růžek, D., Grubhoffer, L., de la Fuente, J., Fazakerley, J.K., Bell-Sakyi, L. (2015) *Ixodes scapularis* and *Ixodes ricinus* tick cell lines respond to infection with tick-borne encephalitis virus: transcriptomic and proteomic analysis. *Parasites & Vectors* doi:10.1186/s13071-015-1210-xI

Villar, M., Ayllón, N., Alberdi, P., Moreno, A., Moreno, M., Tobes, R., Mateos-Hernández, L., **Weisheit, S.**, Bell-Sakyi, L., de la Fuente, J. (2015) Integrated metabolomics, transcriptomics and proteomics identifies metabolic pathways affected by *Anaplasma phagocytophilum* infection in tick cells. *Molecular & Cellular proteomics*. doi: 10.1074/mcp.M115.051938

Villar M., Ayllón N., Kocan K.M., Bonzón-Kulichenko E., Alberdi P., Blouin, E.F., **Weisheit, S.**, Mateos-Hernández, L., Cabezas-Cruz, A., Bell-Sakyi, L., Vancová, M., Bílý, T., Meyer, D.F., Sterba, J., Contreras, M., Rudenko, N., Grubhoffer, L., Vázquez, J., de la Fuente, J. (2015) Identification and characterization of *Anaplasma phagocytophilum* proteins involved in infection of the Tick Vector, *Ixodes scapularis*. *PLoS ONE* 10(9): e0137237 doi: 10.1371/journal.pone.0137237

Ferguson, M.C., Saul, S., Fragkoudis, R., **Weisheit, S.**, Cox, J., Patabendige, A., Sherwood, K., Watson, M., Merits, A., Fazakerley, J.K. (2015) Ability of encephalitic arbovirus Semliki Forest virus to cross the blood-brain barrier is determined by the charge of the E2 Glycoprotein. *Journal of Virology* doi: 10.1128/JVI.03645-14

**2014** Schnettler, E., Tykalová, H., Watson, M., Sharma, M., Sterken, M. G., Obbard, D. J., Lewis, S. J, McFarlane, M., Bell-Sakyi, L., Barry, G., **Weisheit, S.**, Best, S. M., Kuhn, R. J., Pijlman, G., Chase-Topping, M. E., Gould, E. A., Grubhoffer, L., Fazakerley, J. K., Kohl, A. (2014) Induction and suppression of tick cell antiviral RNAi responses by tick-borne flaviviruses. *Nucleic Acids Research* doi: 10.1093/nar/gku657

Antunes, S., Merino, O., Mosqueda, J., Moreno-Cid, J.A., Bell-Sakyi, L., Fragkoudis, R., **Weisheit, S.**, Perez de la Lastra, J. M., Alberdi, P., Domingos, A., de la Fuente, J. (2014) Tick capillary feeding for the study of proteins involved in tick-pathogen interactions as potential antigens for the control of tick infestation and pathogen infection. *Parasites and Vectors* 7:42. doi: 10.1186/1756-3305-7-42

**2013** Barry, G., Alberdi, P., Schnettler, E., **Weisheit, S.**, Kohl, A., Fazakerley, J.K. and Bell-Sakyi, L. (2013). Gene silencing in tick cell lines using small interfering or long double-stranded RNA. *Experimental and Applied Acarology* 59(3):319-38. doi: 10.1007/s10493-012-9598-x.

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