

Curriculum Vitae

Claudia Szentiks

Veterinary pathologist; Leibniz Institute for Zoo and Wildlife Research (IZW), Scientist, Department Wildlife diseases

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Job description

Research in veterinary pathology; investigation in cause of death and diseases of zoo and wild animals, monitoring of health status in free ranging wolves; investigation on cause of death in wolves; forensic investigation on illegal killed big carnivores; teaching of pathology in zoo and wild animals; organising of international conference on diseases of zoo and wild animals; organising of the biannual workshop on dead wolves monitoring.

Research fields and interests

Veterinary pathology in zoo and wild animals; monitoring on causes of death and diseases in the middle European lowland wolf population; monitoring on health status in selected carnivores in Mecklenburg-West Pomerania; monitoring on health status of declining European brown hare population in Lower Saxony; Citizen Science.

Professional appointments

Since 2007 Scientist (wildlife pathologist), Leibniz Institute for Zoo and Wildlife Research, Department of Wildlife Diseases

2003-2007 Scientific assistant, University of Veterinary Medicine Hannover, Institute for Pathology

Education

2008 Certified Veterinary Pathologist

2002-2007 Residency for Veterinary Pathology, University of Veterinary Medicine Hannover, Institute for Pathology

2002-2007 Doctoral theses, University of Veterinary Medicine Hannover, Institute for Pathology

1997-2002 Veterinary Medicine, University of Veterinary Medicine Hannover

1996-1997 Veterinary Medicine, University of Leipzig, Faculty of Veterinary Medicine

Selected publications

Szentiks CA, Tsangaras K, Abendroth B, Scheuch M, Stenglein MD, Wohlsein P, Heeger F, Höveler R, Chen W, Sun W, Armando Durchmesser, Nikolin V, Gruber AD, Grobbel M, Kalthoff Durchmesser, Höper Durchmesser, Czirják G, DeRisi J, Mazzone CJ, Schüle A, Aue A, East ML, Hofer H, Beer M, Osterrieder N, Greenwood AD (2013): Polar bear encephalitis: Establishment of a comprehensive next-generation pathogen analysis pipeline for captive and free-living wildlife. *Journal of Comparative Pathology* 150, 474-488. doi: 10.1016/j.jcpa.2013.12.005.

Greenwood AD, Tsangaras K, Ho SYW, Szentiks CA, Nikolin VM, Ma G, Damiani A, East ML, Lawrenz A, Hofer H, Osterrieder N (2012): A potentially fatal mix of herpes in zoos. *Current Biology* 22, 1727-1731. doi:10.1016/j.cub.2012.07.035.

Drews B, Szentiks CA, Roellig K, Fickel J, Schroeder K, Duff JP, Lavazza A, Hildebrandt TB, Goeritz F (2011): Epidemiology, control and management of an EBHS outbreak in captive hares. *Veterinary Microbiology* 154, 37-48. doi:10.1016/j.vetmic.2011.06.021.

Schaftenaar W, Fernandes T, Fritsch G, Frey R, Szentiks CA, Wegner RD, Hildebrandt TB, Hermes R (2001): Dystocia and fetotomy associated with cerebral aplasia in a greater one-horned rhinoceros (*Rhinoceros unicornis*). *Reproduction in domestic animals* 46, 97-101. doi:10.1111/j.1439-0531.2010.01610.x.

Szentiks CA, Köndgen S, Silinski S, Speck S, Leendertz FH (2009): Lethal pneumonia in a captive juvenile chimpanzee (*Pan troglodytes*) due to human-transmitted human respiratory syncytial virus (HRSV) and infection with *Streptococcus pneumoniae*. *Journal of medical primatology* 38, 236-240.

Müller DWH, **Szentiks CA**, Wibbelt G (2009): Polycystic kidney disease in adult Brazilian agoutis (*Dasyprocta leporia*). *Veterinary Pathology* 46, 656-661.

Haschke G, **Szentiks CA**, Galateanu G, Häfner M (2014): Klinische, pathologisch-anatomische, thermographische und radiologische Befunde bei einer Giraffe mit chronischer Arthritis. *Zoologischer Garten*
<http://dx.doi.org/10.1016/j.zoolgart.2014.01.002>.

Szentiks CA (2014): Tollwut, Staupe, Aujeszkysche Krankheit, Räude - Gefahren für den Wolf, den Menschen und andere Arten? Ticker-Protokoll der Fachtagung des Deutschen Jagdverbandes e.V. „Rückkehrer Wolf Willkommen ohne Wenn und Aber?“, http://www.jagdnetz.de/news/?meta_id=3682.

Teaching and education, outreach

Lecture on comparative pathology in reptiles; training of veterinary apprentice in pathology of zoo and wild animals; training of biology apprentice and apprentice of technical assistants in sampling and processing samples

Professional roles and services to the scientific community

2014	Organising workshop on dead wolf monitoring: forensic, 80 participants
2012	Organising workshop on dead wolf monitoring, 46 participants
Since 2010	3 x Member of the organising committee, International Conference on Diseases of Zoo and Wild Animals (IZW, EAZWV), 220-300 participants
Since 2010	Member of the workers' council
Since 2014	Assistant chairman of the workers' council