

My publications on zoonotic and/or vector-borne diseases include

- ▶ Cui, Y., Schmid, B. V., Cao, H., Dai, X., Du, Z., Easterday, W. R., Fang H, Guo C, Huang S, Liu W, Qi Z, Song Y, Tian H, Wang M, Wu Y, Xu B, Yang C, Yang J, Yang X, Zhang Q, Jakobsen Ks, Zhang Y, **Stenseth NC**, Yang, R. (2020). Evolutionary selection of biofilm-mediated extended phenotypes in *Yersinia pestis* in response to a fluctuating environment. *Nature Communications*, 11(1). doi:10.1038/s41467-019-14099-w
- ▶ Namouchi A, Guellil M, Kersten O, Hansch S, Ottoni C, Schmid BV, Pacciani E, Quaglia L, Vermunt M, Bauer EL, Derrick M, Jensen AO, Kacki S, Cohn SK, Jr., **Stenseth NC**, Bramanti B. 2019. Integrative approach using *Yersinia pestis* genomes to revisit the historical landscape of plague during the Medieval Period (vol 115, pg E11790, 2018). *Proceedings of the National Academy of Sciences of the United States of America*, 116, 338-338
- ▶ Bramanti, B., Dean, K.R., Walløe, L. & **Stenseth, NC**. 2019. The Third Plague Pandemic in Europe. *Proceedings of the Royal Society B-Biological Sciences*, 286
- ▶ Li R, Xu L, Bjornstad ON, Liu K, Song T, Chen A, Xu B, Liu Q, **Stenseth NC** 2019 Climate-driven variation in mosquito density predicts the spatiotemporal dynamics of dengue. *Proceedings of the National Academy of Sciences of the United States of America*, 116(9), 3624-3629
- ▶ Dean KR, Krauer F, Walloe L, Lingjaerde OC, Bramanti B, **Stenseth NC**, Schmid BV: Human ectoparasites and the spread of plague in Europe during the Second Pandemic. *Proceedings of the National Academy of Sciences of the United States of America* 2018, 115(6):1304-1309
- ▶ Schmid BV, Büntgen U, Easterday WR, Ginzler C, Walløe L, Bramanti B, **Stenseth NC**. Climate-driven introduction of the Black Death and successive plague reintroductions into Europe. *Proceedings of the National Academy of Sciences of the United States of America* 2015 Mar 10;112(10):3020-5
- ▶ Samia NI, Kausrud KL, Heesterbeek H, Ageyev V, Begon M, Chan KS, **Stenseth NC**. Dynamics of the plague-wildlife-human system in Central Asia are controlled by two epidemiological thresholds. *Proceedings of the National Academy of Sciences of the United States of America* 2011;30;108(35):14527-32
- ▶ Kausrud KL, Begon M, Ari TB, Viljugrein H, Esper J, Büntgen U, Leirs H, Junge C, Yang B, Yang M, Xu L, **Stenseth NC**. Modeling the epidemiological history of plague in Central Asia: palaeoclimatic forcing on a disease system over the past millennium. *BMC Biol.* 2010 Aug 27;8:112
- ▶ Ben Ari T, Gershunov A, Gage KL, Snäll T, Etestad P, Kausrud KL, **Stenseth, NC**. Human plague in the USA: the importance of regional and local climate. *Biol Lett.* 2008 Dec 23;4(6):737-40
- ▶ **Stenseth NC**, Atshabar BB, Begon M, Belmain SR, Bertherat E, Carniel E, Gage KL, Leirs H, Rahalison L. Plague: Past, present, and future. *Plos Medicine* 2008; 5:9-13
- ▶ **Stenseth NC**, Samia NI, Viljugrein H, Kausrud KL, Begon M, Davis S, Leirs H, Dubyanskiy VM, Esper J, Ageyev VS, Klassovskiy NL, Pole SB, Chan KS. Plague dynamics are driven by climate variation. *Proceedings of the National Academy of Sciences of the United States of America* 2006;103(35):13110-5
- ▶ Davis S, Begon M, De Bruyn L, Ageyev VS, Klassovskiy NL, Pole SB, Viljugrein H, Stenseth NC, Leirs H: Predictive thresholds for plague in Kazakhstan. *Science* 2004, 304(5671):736-738.