



Name: Set Bornstein

Email: Set.bornstein@telia.com
Set.bornstein@sva.se

Phone: +46 18 346095
+46 070 3686096

Graduated 1968 in veterinary medicine at the Royal Veterinary College, Stockholm, Sweden. He specialised in tropical veterinary medicine, and received the DTVM (DipTropVetMed) and MSc at the Edinburgh Royal (Dick) School of Veterinary Studies in Scotland. He worked in East Africa; research in Kenya followed by two years in Tanzania as district-, regional- and AI veterinary officer. He later worked in the Dept. of Epizootiology, and Dept. of Pathology and since 1978 with the Dept. of Parasitology at the National Veterinary Institute (SVA), Uppsala. His involvement with the *Sarcoptes scabiei* epizootic in the wildlife in Sweden and later also the infection in domestic dogs led to a PhD (1995, Assoc Prof 1998). During this work on sarcoptic mange he developed serological (ELISA) tests for several animal species including dromedaries. His interest in camels started in the early 1980ies when he was engaged as veterinary consultant in a Somali-Swedish program on camels. Set continued working with dromedaries mainly in Kenya where he led a few research programs e.g. on sarcoptic mange and coccidiosis. He is presently involved in the growing alpaca and llama industry in Sweden. He is author of three books, 7 chapters in different books and >250 articles in international, regional and national journals and conferences.

Publications related to Camelid (Last ten years)

1. Lusat, J., **Bornstein, S.** and Wall, R. (2011). Chorioptes mites: re-evaluation of species integrity. *Medical and Veterinary Entomology*. 25 (4), 370-376.
2. Samer Alasaad , Shelley Walton b, Luca Rossi, **Set Bornstein**, Marawan Abu-Madi, Ramo'n C. Soriguer, Scott Fitzgerald, Xing-Quan Zhu, Werner Zimmermann, Uade Samuel Ugbomoiko, Kurtis Jai-Chyi Pei, Jorg Heukelbach. (2011). *Sarcoptes-World Molecular Network (Sarcoptes-WMN): integrating research on scabies*. *International Journal of Infectious Diseases*. 15: 294-297
3. **Bornstein, S.** (2010). Important ectoparasites of Alpaca (*Vicugna pacos*). *Acta Vet. Scand.* 52: S17 (14-18).
4. **Bornstein, S.** and de-Verdier, K. (2010). Some important ectoparasites of alpaca (*Vicugna pacos*) and llama (*Llama glama*). *Journal of Camelid Science*.3, 49-61.
5. **Bornstein, S** and K. de-Verdier. (2010). Some important Ectoparasites of Alpaca (*Vicugna alpacos*) and Llama (*Lama glama*). *Journal of Camelid Science*. 3; 49-61

6. **Bornstein, S.**, Gluecks, IV., Younan, M., Thebo, P., and Mattsson, JG. (2008). *Isospora orlovi* infection in suckling dromedary camel calves (*Camelus dromedarius*) in Kenya. *Veterinary Parasitology*. 152: 3-4; 194-201.
7. Younan, M. and **Bornstein, S.** (2007). Lancefield Group B and C Streptococci, important opportunistic pathogens in East African camels (*Camelus dromedarius*). *Veterinary Record*. 160: 330-335.
8. Younan, M, **Bornstein, S.**, and Gluecks, IV. (2007). Peri-articular abscesses in camel calves in North Kenya. *Journal of Camel Practice and Research*. 14 (2), 161-164.
9. Morrison, D. A., **Bornstein, S.**, Thebo, P., Wernery, U., Kinne, J. and Mattsson, J.G. (2004). The current status of the small subunit rRNA phylogeny of the coccidian (Sporozoa). *International Journal of Parasitology*. 34: 501-514.
10. **Bornstein, S.** Parasitic Diseases. (2002) (pp. 267-387). In: Infectious Diseases in Camelids. 2nd revised and enlarged edition. Eds: Wernery, U., and Kaaden. O-R.. Blackwell Science Berlin, Vienna.
11. **Bornstein, S.**, Wernery, U, Younan, M., Kinne, J., Näslund, K., Mattsson, R. & Koskey, J. (2002). Experimental studies on *Sarcoptes scabiei* infections in arabian camels (*Camelus dromedarius*). COST Action 833, Proceedings of the Mange and myiasis of livestock workshop, Ecole Nationale Veterinaire de Toulouse, France, 3-6th of October. pp38-48.