



Sonja C Boy

BChD, MChD (Oral Path), PhD,

FC Path(SA) (Oral Path)

Current appointment:

Head Clinical Unit and Specialist Oral and Maxillofacial Pathologist

Institution/ University where currently appointed:

Oral Health Centre, Sefako Makgatho Health Sciences University, Pretoria, South Africa

Areas of special interests:

Hematolymphoid pathology in the context of HIV, Comparative Biology and Pathology

Sonja Boy is Professor in Oral and Maxillofacial Pathology with 15 years' experience in Oral Biology, general as well as Oral and Maxillofacial Pathology education. She qualified as Specialist Oral Pathologist in 2001 and obtained her PhD in 2010. She was employed by the University of Pretoria for 17 years after which she transferred to the Sefako Makgatho Health Sciences University (SMU) in 2014, a newly established medical University. She has been Secretary of the International Association of Oral Pathologists (IAOP) since 2012, is an Associate Editor for one of the International Frontiers journals, "Veterinary Dentistry and Oromaxillofacial Surgery" and an editorial board member for international journals including Head and Neck Pathology. She is a member of several national and international professional associations and working groups. She authored or co-authored more than 45 peer reviewed publications in scientific journals, several book chapters on oral pathology in paediatric and oral medicine textbooks and the new WHO Classification of Head

and Neck Tumours, 4th Edition. She was a contributor to the International Collaboration on Cancer Reporting (ICCR) initiative for the harmonisation of cancer reporting protocols, specifically in the development of a dataset for the reporting of carcinomas of the oral cavity. Her main research fields of interest are HIV-associated lymphomas and comparative head and neck biology and maxillofacial pathology. She is a member of the Research Committees of universities and research foundations in South Africa and Namibia. She has presented papers at national and International conferences and is currently Acting Head of Department of Oral Pathology at SMU.

Recent/ significant publications

1. Richter K, Janse van Rensburg E, van Heerden W, Boy SC. Human Papilloma Virus strains in the oral and cervical mucosa of HIV positive South African women prior to antiretroviral therapy. **Journal of Oral Pathology and Medicine**, 37 (9): 555-559, 2008.
2. Boy SC, van Heerden MB, Cockeran R, Wolfaardt M, Gema E, van Heerden WFP. An investigation of the role of oral epithelial and Langerhans cells as possible HIV viral reservoirs. **Journal of Oral Pathology and Medicine**, 38 (1): 114-119, 2009.
3. Nel S, Steenkamp G, van Heerden MB, van Heerden WF, Boy SC. Immunohistochemical expression of calretinin in odontogenic tissue of the domestic dog (*Canis familiaris*). **Veterinary Pathology**, 48 (1): 276-82, 2010.
4. Boy SC, van Heerden MB, Raubenheimer E, van Heerden WFP. Plasmablastic lymphomas with light chain restriction – Plasmablastic extramedullary plasmacytomas? **Journal of Oral Pathology and Medicine**, 39 (5): 435-9, 2010.
5. Boy SC, van Heerden MB, Babb C, van Heerden WFP, Willem P. Dominant genetic aberrations and coexistent EBV infection in HIV-related oral plasmablastic lymphomas. **Oral Oncology** 47: 883-887, 2011.
6. M.A. Delaney, K. Singh, C.L. Murphy, A. Solomon, S. Nel, and S.C. Boy. Immunohistochemical and Biochemical Characterization of Amyloid-Producing Odontogenic Tumors (APOT) in Three Cats Suggest Ameloblastic Origin. **Veterinary Pathology** 50(2): 238-42, 2013.
7. Boy SC, van Heerden MB, Pool R, Willem P, Slavik T. Plasmablastic lymphomas versus diffuse large B-cell lymphoma with plasmablastic differentiation: proposal for a diagnostic scoring system. **Journal of Hematopathology**, 8 (1), p3-11, 2015.
8. Boy SC, Raubenheimer EJ, Marais J, Steenkamp G. White Rhinoceros (*Ceratotherium simum*) horn development and structure – a deceptive optical illusion. **Journal of Zoology** 296 (3) p161-166, 2015
9. Steenkamp G, Boy SC, van Staden PJ Bester M. How the cheetahs' specialised palate accommodates its abnormally large teeth. Available online **Journal of Zoology** 13 December 2016 DOI: 10.1111/jzo.12422