



Grace Bradley

DDS, MSc. FRCD(C)

Current appointment:

Professor, Oral Pathology and Oral Medicine, Faculty of Dentistry, University of Toronto
Active staff, Oral Pathology and Oral Medicine, Department of Dentistry, Sunnybrook Health Sciences Centre, Toronto, Canada

Institution/ University where currently appointed:

University of Toronto, Toronto, Ontario, Canada

Areas of special interests/activities:

Oral cancer and precursor lesions; the use of virtual microscopy in graduate and undergraduate teaching of oral pathology

Grace Bradley graduated in Dentistry at the University of Toronto in 1979. She completed the Oral Pathology Residency at University of Toronto in 1983 and earned her Master of Science degree in 1984. From 1983 to 1987 she received further research training at the Ontario Cancer Institute as a research fellow with the Medical Research Council of Canada. She obtained the Fellowship in Oral Pathology of the Royal College of Dentists of Canada in 1986 and the Fellowship in Oral Medicine and Oral Pathology of the Royal College of Dentists of Canada in 1998. She was appointed as Assistant Professor at the Faculty of Dentistry, University of Toronto in 1987, Associate Professor in 1992 and Professor in 2012. She has held a cross-appointment in the Department of Dentistry at Sunnybrook Health Sciences Centre

since 1983, and currently she maintains a small clinical practice in Oral Pathology and Oral Medicine there. She has participated in the Diagnostic Oral Pathology Service in the Faculty of Dentistry, University of Toronto since 1986 and has been the Director of the Oral Pathology Laboratory since 2012. She teaches Oral Pathology and Oral Medicine at undergraduate and graduate levels and has been the Director of the Graduate Program in Oral Pathology and Oral Medicine since 2012. At the Faculty of Dentistry, she served as Associate Dean, Biological and Diagnostic Sciences from 2007 to 2016 and Associate Dean, Undergraduate Education from 2016 to 2018. As Associate Dean, she contributed to curriculum review and implementation of online course evaluation by students. In 2018 she received the W.W. Wood Award for Excellence in Dental Education that was presented by the Association of Canadian Faculties of Dentistry. She was the Vice-President of the Canadian Academy of Oral and Maxillofacial Pathology and Oral Medicine from 2007 to 2009, and President of the Academy from 2009 to 2011. She has been a member of the American Academy of Oral and Maxillofacial Pathology since 1983. She has published over 50 scientific papers and contributed to several book chapters and electronic teaching publications.

Recent/ significant publications

Bradley, G., Odell, E.W., Raphael, S., Ho, J., Le, L.W., Benchimol, S. and Kamel-Reid, S. Abnormal DNA content in oral epithelial dysplasia is associated with increased risk of progression to carcinoma. *British J Cancer* 2010, 103:1432-1442.

Bradley, G., Chugh, D. and Kermalli, J. A Virtual Slide-based Program for Undergraduate Oral Pathology Teaching. *MedEdPORTAL*, Association of American Medical Colleges. Accepted for publication online (web-based resource), February, 2012.

McCord, C., Xu, J., Xu, W., Qui, X., McComb, R. J., Perez-Ordonez, B. and Bradley, G. Association of High Risk Human Papillomavirus Infection with Oral Epithelial Dysplasia. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology*, 2013, 115(4):541-549.

Cervigne, N.K., Machado, J., Goswami, R.S., Sadikovic, B., Bradley, G., Perez-Ordonez, B., Galloni, N. N., Gilbert, R., Gullane, P., Irish, J. C., Jurisica, I., Reis, P. P. and Kamel-Reid, S. Recurrent genomic alterations in sequential progressive leukoplakia and oral cancer: drivers of oral tumorigenesis? *Human Molecular Genetics* 2014 May 15;23(10):2618-28. doi: 10.1093/hmg/ddt657.

McCord, C. and Bradley, G. Histopathologic features of high risk HPV-associated oral epithelial dysplasia. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology*, 2014, 117(1):120-121.

McCord, C., Xu, J., Xu, W., Qiu, X., Muhanna, N., Irish, J., Leong, I., McComb, R.J., Perez-Ordonez, B. and Bradley, G. Association of Human papilloma virus with atypical and malignant oral papillary lesions. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology*, 2014, 117(6): 722-32.

Magalhaes, M.A.O., Somers, G., Forte, V., Abouzia, M., Sikorski, P., Barrett, E. and Bradley G. Unusual presentation of squamous cell carcinoma of the maxilla in an 8-year-old child. . Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology 2016,122(5):e179-e185.

Ledderhof, N.J., Caminiti, M.F., Bradley, G. and Lam, D.K. Topical 5-Fluorouracil is a Novel Targeted Therapy for the Keratocystic Odontogenic Tumor. J Oral Maxillofac Surg 2017, 75:514-524

Bradley, G., Magalhaes, M.A. and Hycza, M. Mutational signatures in oral cancer indicate a complex role for tobacco smoke carcinogens. Oral Dis. 2017 Mar 13. doi: 10.1111/odi.12665. [Epub ahead of print]

Bradley, G. and Magalhaes, M.A. Oral manifestation of systemic diseases-a perspective from an oral pathology diagnostic service. Oral Dis. 2018, 24(1-2):219-223.