



## **Keith D Hunter**

**BSc (Hons), BDS (Hons), FDS RCSEd, PhD,  
FRCPath, FHEA**

### **Current appointment:**

Professor in Oral and Maxillofacial Pathology and honorary Consultant Histopathologist

### **Institution/ University where currently appointed:**

School of Clinical Dentistry, University of Sheffield, UK

### **Areas of special interests:**

Diagnostic histopathology, tooth and odontogenic pathology, cellular and molecular biology of head and neck cancer

### **Web links:**

[www.sheffield.ac.uk/dentalschool/about/staff/hunter\\_k](http://www.sheffield.ac.uk/dentalschool/about/staff/hunter_k)

Dr Hunter is Professor in Oral and Maxillofacial Pathology at the University of Sheffield. He completed his PhD at the CRUK Beatson Institute for Cancer Research in Glasgow and following completion of clinical training was appointed as Senior Clinical Lecturer at the University of Glasgow. He moved to the University of Sheffield in 2009. His research has focused for over 10 years on the transcriptional changes seen in the various stages in the development of oral precancer and cancer with a particular interest in the control of cellular immortalization of oral keratinocytes. He is the author of over 65 peer reviewed articles and has also contributed to a number of books including "Biotargets of Cancer in Current Clinical Practice" (Springer, 2012), the Dictionary of Pathology (Springer, 2016) and is a co-author of the long anticipated new edition of Soames and Southam's "Oral Pathology" (expected 2017). Currently, he is Academic Director for the Oral and Dental Academic Directorate in Sheffield Hospitals Trust and leads his own research group. In addition to his research profile, he is also Head of the Unit of Oral and Maxillofacial Pathology. Dr Hunter is also active in oral cancer research and Oral and Maxillofacial Pathology nationally and internationally.

### **Recent publications**

- Platais C, Hakami F, Darda L, Lambert DW, Morgan R, Hunter, KD. The role of HOX genes in head and neck squamous cell carcinoma. JOPM. 2016 Apr;45(4):239-47
- Marie-Therese Haider, Keith D Hunter, Simon P Robinson, Timothy J Graham, Eva Corey, T Neil Dear, Russell Hughes, Nicola J Brown, Ingunn Holen. Rapid modification of the bone

microenvironment following short-term treatment with Cabozantinib in vivo. *Bone*. 2015 Aug 14. pii: S8756-3282(15)00313-0. doi: 10.1016/j.bone.2015.08.003.

- Zachary Cole-Healy, Patricia Vergani, Keith Hunter, Nicola J Brown, Malcolm WR Reed, Carolyn A Staton. The relationship between Semaphorin 3C and microvessel density in the progression of breast and oral neoplasia. *Experimental and Molecular Pathology*, 2015 Apr 21;99(1):19-24
- Lav Darda, Fahad Hakami, Richard Morgan, Craig Murdoch, Daniel W Lambert, Keith D Hunter. (2015) The role of HOXB9 and miR-196a in head and neck squamous cell carcinoma. *PLOS ONE*, 2015 Apr 10;10(4): e0122285. doi: 10.1371/journal.pone.0122285.
- Hakami F, Darda L, Stafford P, Woll P, Lambert DW, Hunter KD. The roles of HOXD10 in the development and progression of head and neck squamous cell carcinoma (HNSCC). *Br J Cancer*. 2014 Jul 10. doi: 10.1038/bjc.2014.372.
- Hinsley EE, Kumar S, Hunter KD, Whawell SA, Lambert DW. (2012) Endothelin-1 stimulates oral fibroblasts to promote oral cancer invasion. *Life Sciences*, 2012 Oct 15; 91(13-14):557-61.