

PUBLICATIONS

- 2014** Max Kronenwerth, Christina Dauth, Marcel Kaiser, **Iain Pemberton**, Helge B. Bode (2014) Facile Synthesis of Cyclohexanediones and Dialkylresorcinols – Bioactive Natural Products from Entomopathogenic Bacteria Eur J Org Chem (in press) **3.1**
- 2014** Theodoratou E, Campbell H, Ventham NT, Kolarich D, Pučić-Baković M, Zoldoš V, Fernandes D, **Pemberton IK**, Rudan I, Kennedy NA, Wuhrer M, Nimmo E, Annese V, McGovern DP, Satsangi J, Lauc G. (2014) The role of glycosylation in IBD. Nat Rev Gastroenterol Hepatol. 10:588-600. **10.81**
- 2013** Foucher AL, Rachidi N, Gharbi S, Blisnik T, Bastin P, **Pemberton IK** and Spaeth G. (2013) Apoptotic marker expression in the absence of cell death in staurosporine treated Leishmania donovani. Antimicrobial Agents and Chemotherapy 57(3):1252-61 **4.84**
- 2010** Foucher AL, Spaeth G and **Pemberton IK** (2010) Probing the dynamic nature of signalling pathways by IMAC and SELDI-tof MS. Archives of Physiology and Biochemistry 116:163-73. **2.94**
- 2003** Helge Auner, Malcolm Buckle, Annette Deufel, Tamara Kutateladze, Linda Lazarus, Ramesh Mavathur, Georgi Muskhelishvili, **Iain Pemberton**, Robert Schneider, Andrew Travers (2003) Mechanism of transcriptional activation by FIS: role of core promoter structure and DNA topology. Journal of molecular biology. 331(2):331-44. **4.0**
- 2002** **Iain K Pemberton**, Georgi Muskhelishvili, Andrew A Travers, Malcolm Buckle (2002) FIS modulates the kinetics of successive interactions of RNA polymerase with the core and upstream regions of the tyrT promoter. Journal of Molecular Biology 318(3):651-63. **4.0**
- 2000** **I K Pemberton**, G Muskhelishvili, A A Travers, M Buckle (2000) The G+C-rich discriminator region of the tyrT promoter antagonises the formation of stable preinitiation complexes. Journal of molecular biology. 299(4):859-64 **4.0**
- 1999** M Buckle, **I K Pemberton**, M A Jacquet, H Buc (1999) The kinetics of sigma subunit directed promoter recognition by E. coli RNA polymerase. Journal of molecular biology. 285(3):955-64. **4.0**
- 1999** **I K Pemberton** and M Buckle (1999) Real time in vitro analysis of transcription by RNA polymerase on immobilized DNA fibres. Journal of Molecular Recognition 12(5):322-7 **3.31**
- 1998** **I K Pemberton**, H Buc, M Buckle (1998) Displacement of viral DNA termini from stable HIV-1 integrase nucleoprotein complexes induced by secondary DNA-binding interactions. Biochemistry 37(8):2682-90. **3.42**
- 1996** **I K Pemberton**, M Buckle, H Buc (1996) The metal ion-induced cooperative binding of HIV-1 integrase to DNA exhibits a marked preference for Mn(II) rather than Mg(II). The Journal of biological chemistry. 271(3):1498-506. **4.77**
- 1993** **I K Pemberton**, and O M Singh (1993) In vitro biochemical activities associated with recombinant HIV-1 integrase. Biochemical Society transactions. 03/1993; 21(1):51S. **3.71**

Also authored several book chapters.