Desease models in vertebrates : from hypoxia to cancer

Santos Marques, I.J. dos

PUBLICATIONS AND CURRICULUM VITAE

Publications

Weiss FU, **Marques IJ**, Woltering JM, Vlecken DH, Aghdassi A, Partecke LI, Heidecke CD, Lerch MM, Bagowski CP. 2009. *Retinoic acid receptor antagonists inhibit miR-10a expression and block metastatic behavior of pancreatic cancer.* Gastroenterology. 137(6):2136-45

Marques IJ, Weiss FU, Vlecken DH, Nitsche C, Bakkers J, Lagendijk AK, Partecke LI, Heidecke CD, Lerch MM, Bagowski CP. 2009*. Metastatic behaviour of primary human tumours in a zebrafish xenotransplantation model.* BMC Cancer. 9:128

Ott I, Qian X, Xu Y, Vlecken DH, **Marques IJ**, Kubutat D, Will J, Sheldrick WS, Jesse P, Prokop A, Bagowski CP.2009*. A gold(I) phosphine complex containing a naphthalimide ligand functions as a TrxR inhibiting antiproliferative agent and angiogenesis inhibitor.* J Med Chem52(3):763-70

Marques IJ, Leito JT, Spaink HP, Testerink J, Jaspers RT, Witte F, van den Berg S, Bagowski CP. 2008*. Transcriptome analysis of the response to chronic constant hypoxia in zebrafish hearts*. J Comp Physiol B178(1):77-92.

Ott EB, Sakalis PA**, Marques IJ**, Bagowski CP.2007*. Characterization of the Enigma family in zebrafish*. Dev Dyn. 236(11):3144-54

te Velthuis AJ, Ott EB**, Marques IJ**, Bagowski CP.2007*. Gene expression patterns of the ALP family during zebrafish development*. Gene Expr Patterns. 7(3):297-305

van der Meer DL**, Marques IJ**, Leito JT, Besser J, Bakkers J, Schoonheere E, Bagowski CP.2006. *Zebrafish cypher is important for somite formation and heart development.* Dev Biol; 299(2):356-72

Curriculum vitae

Inês João dos Santos Marques was born on July 8, 1980 in Lisboa, Portugal. She attended high school in Escola Secundária do Pragal. In 1998 she started the study of Biology at Faculdade de Ciências da Universidade de Lisboa (FCUL). From October 2002 to May 2003 she did a research internship on the response of red fox to feral cat presence, in the wood of Valdelatas, under the supervision of Dr. Javier de Miguel, at Universidad Autonoma de Madrid (UAM). In July 2003 she obtained her Licenciatura in Biology. She entered the Master program of Animal Biology at Leiden University in January 2005. Her first master project focused on the role of PDZ proteins in zebrafish development. The second master project focused on the effects of chronic constant hypoxia on zebrafish. Both projects were supervised by Dr. Christoph Bagowski. On September 2006 she obtained her MSc diploma *cum laude*. From October 2006 until December 2010 she worked as a PhD student under the initial supervision of Dr. Christoph Bagowski and afterwards of Prof. Michael Richardson and Prof. Herman Spaink.