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## Development of an *in vitro* vascular network using zebrafish embryonic cells

Ibrahim, M.

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## Curriculum Vitae

Muhammad Ibrahim was born on 17<sup>th</sup> of February 1982, in Mardan, Pakistan. He completed his secondary school majoring in science from the Government Centennial Model School, Mardan in 1997. He did his intermediate studies in the pre-medical group at the Mardan Model School and College, Mardan in 1999. He obtained the title of Doctor of Veterinary Medicine from Gomal College of Veterinary Science, Gomal University, Dera Ismail Khan, Pakistan in 2005. Then he did an M.Phil in biotechnology from Institute of Biotechnology and Genetic Engineering, The University of Agriculture Peshawar, Pakistan in 2009. He was appointed in 2010 as Lecturer at the same institute where he obtained his M.Phil. degree. In 2012 he received a faculty development scholarship from The University of Agriculture Peshawar for his PhD studies. In August 2012 he started his PhD at the Institute of Biology Leiden, Leiden University, under the supervision of Prof. dr. Michael Richardson. After his PhD he intends to continue his career at The University of Agriculture Peshawar, Pakistan.

### List of Publications

- Ibrahim M, Richardson MK. Beyond organoids: *in vitro* vasculogenesis and angiogenesis using cells from mammals and zebrafish. *Reprod Toxicol* (in press).
- Ibrahim M, Richardson MK. The growth of endothelial-like cells in zebrafish embryoid body culture. (in preparation).
- Ibrahim M, Richardson MK. In vitro development of zebrafish vascular network. *Reprod Toxicol* (2017) DOI: 10.1016/j.reprotox.2017-.02.008.
- Ibrahim M, Richardson MK. Microfluidic devices for cell, tissue and embryo culture. *Rec Pat Regen Med* (2013) 3(3): 249-263.
- Musavi SAA, Ahmad S, Ibrahim M. Documentation and morphology of Hazaragie sheep native to central Afghanistan. *Indian J Anim Sci* (2013) 83(9): 934-941.
- Musavi SAA, Ahmad S, Ibrahim M. Molecular characterization of Hazaragie sheep native to central Afghanistan. *Indian J Anim Sci* (2011) 81(7): 711-717.
- Ibrahim M, Ahmad S, Swati ZA, Ullah G. Fat Tailed Sheep Production Systems in the Khyber Pakhtunkhwa Province of Pakistan. *Trop Anim Health Prod* (2011) 43: 1395-1403.
- Ibrahim M, Ahmad S, Swati ZA, Khan MS. Genetic diversity in Balkhi, Hashtnagri and Michni sheep populations using SSR markers. *Afr J Biotechnol* (2010) 9(45): 7617-7628.