The zebrafish as a model for tissue regeneration and bone remodelling

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Curriculum vitae, conference contributions and publications

Curriculum Vitae

I was born on 24 of Nov 1972 in Lahore Pakistan. I finished my high school education from Azam Garrison Girls College Lahore Cantonment Pakistan. I did bachelors from Lahore College for Women University, Lahore Pakistan in 1992 with Botany, Zoology and Geography. I did Masters in Zoology from University of the Punjab, Lahore Pakistan in 1996. During my masters research I worked on the effect of pesticides on the brain cells of *Musca domestica* and published two articles. After finishing Masters, I worked as a science teacher in Garrison Academy for boys Lahore, Pakistan from 1996-1997. Later on, I joined the Education Department, Govt. of the Punjab, Higher Education wing as a lecturer in Biology in 1997. To carry on PhD research I joined the Department of Integrative Zoology, IBL, Leiden in April 2008 as a PhD student on HEC/NUFFIC scholarship. The funding was provided by my home country through the Higher Education Commission of Pakistan (HEC). In future I intend to carry on working as a researcher in developmental or biomedical field.

Conference contributions

1. *Oral communication*
   1st Meeting on Emerging Technologies in Zebrafish, in Bilbao, Spain, 26th November 2009

2. *Poster Presentation*
   Smart Mix Symposium Leiden, 26th February 2010.

3. *Oral communication*
   Department of Oral Cell Physiology, Vrij Universitiet, Amsterdam, 26th April 2010.

4. *Abstract*
   17 Benelux Conference of Zoology Gent, Belgium, October 2010

5. *Poster presentation*
   Smart Mix symposium Leiden, 16th February 2011

6. *Abstract*
   Smart Mix Symposium Leiden, 16th February 2011

7. *Abstract*
   Plenary Session, Chemistry meeting, Eindhoven, The Netherlands, 15th March 2011

8. *Abstract*
   European Materials Research Society (E-MRS) Nice, France, 13th May 2011

9. *Poster presentation*
   7th European Zebrafish Meeting in Edinburgh, UK, 5th – 9th July 2011

Publications and Manuscripts

1. **Matrix metalloproteinases in osteoclasts of ontogenetic and regenerating zebrafish scales**. de Vrieze, E., Sharif, F., Metz, J.R., Flik, G., Richardson, M.K. *Bone*. **48**: 704-712.

2. **Mesoporous silica nanoparticles as a compound delivery system in zebrafish embryos.** Sharif, F., Porta, F., Meijer, A.H., Kros, A., Richardson, M.K. Submitted to *Nanomedicine* (19 July, 2011).

3. **Acute exposure to dexamethasone in early-life is associated with enduring effects on wound healing in zebrafish larvae**
   Sharif,F., Steenbergen, P.J., Richardson,M.K., Champagne, D.L. Submitted.

4. **Osteoclast-like Cells in Early Zebrafish Embryos**
   Sharif,F., de Bakker,M.A.G., Richardson,M.K. Submitted to *Bone.*

5. Effects of Dichlorovos on the brain and fat body cells of the adult *Musca domestica* (MUSCIDAE: DIPTERA). Sharif, F., Ali, F.A. *Punjab University. J. Zool*. **12**: 97-106 (1997).

6. Cellular components of the brain of *Musca domestica* L. (MUSCIDAE: DIPTERA). Sharif, F., Ali, F.A. *Punjab University. J. Zool*. **11**: 57-66 (1996).