MITRA FOROUHAN

**Email**: mitra_fourouhan@yahoo.com

## Education and qualifications:

September 2012- March 2017 University of Manchester
**PhD in Biochemistry**

**Dissertation**: The role of ATF6α and ATF6β in the UPR associated with an ER-stress induced skeletal chondrodysplasia.
**Funding:** IDB and Manchester University

October 2010-October 2011 Imperial College London
**MSc in Human Molecular Genetics, Distinction**

**Dissertation:** An investigation of disease-causing genes in primary ciliary dyskinesia.

October 2005- July 2009 Shahrekord University, Iran
**BSc in Cellular and Molecular Biology-Genetics**
**18.01 (out of 20) (equivalent to UK 1st)**

## Work experiences:

2007-2009 **Genetic consultant and Human Molecular Genetic research Assistant**
Isfahan Genetic consulting center
Address: Number 5, Sheikh Mofid St,
Sheikh Sadoogh Shomali St,
Isfahan,
Iran
Tel: +98-313-6614656

## Publication:

- Antony D, Becker-Heck A, Zariwala MA, **Forouhan M** et al. 2013. Mutations in *CCDC39* and*CCDC40* are the major cause of primary ciliary dyskinesia with axonemal disorganisation and absent inner dynein arms. *Human mutation*. 34(3):462-472. doi: 10.1002/humu.22261.

## Conference poster and/or oral presentations:

- British Society for Matrix Biology (BSMB) meeting " location, location, location: the matrix and the microenvironment. Oxford, March 2015.
- Sybil meeting, Newcastle December 2014.

- The University of Manchester faculty of Life Sciences research symposium. September 2014.
- Matrix Biology Europe (MBE) previously known as the Federation of European Connective Tissue Societies (FECTS), Rotterdam, Netherlands, June 2014.
- Sybil meeting, Newcastle December 2013.
- British Society for Matrix Biology (BSMB) meeting "Under pressure: the cell's response is mechanobiology", Cardiff University September 2013.

- The University of Manchester PhD conference September 2013.

**Extra activities:**

- Instructing and supervision of Undergraduates and Master students.

**Research Techniques:**

PCR, qPCR, nucleic acid isolation, protein extraction, western blot, Immunohistochemistry, In situ hybridization, cloning, cell and tissue culture, cell transfection, siRNA-mediated knock down, animal work and animal husbandry (in particular mice), Home office license holder (modules 1-4), Mouse skeletal and growth plate morphometric analysis, mouse tissue dissection, mouse physiology, mouse anaesthetising, .
Also competent in statistical analysis, bioinformatics, Excel, PowerPoint, and GraphPad Prism.

**Languages:**

I am fluent in English and Persian: written and oral.