



## Personal Information Early Stage Researcher EUTRAIN Project:



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### Education and training:

- Currently working as a Research Fellow at European Institute for Molecular Imaging and registered as a doctoral student at Faculty of Biology, University of Münster, Germany; Research topic: “ *In vivo* Imaging of disease activity in immune mediated disorders ” Supervisor: Prof. Dr. M. Schäffers (Since August 2013)
- Internship and Research Assistantship at Department of Medical Biosciences, Umeå University, Sweden; Research area: Molecular mechanisms involved in lipoprotein metabolism, Supervisor: Prof. Dr. Stefan K Nilsson (April 2012- July 2013)
- Graduated from Umeå University, Sweden with a Master of Science degree in Molecular biology (2011-2013)
- Worked as a Project Assistant at Biology division, Indian Institute of Chemical Technology, India (2009- 2010); Supervisor: Prof. Dr. USN Murty
- Studied Bachelor of Technology in Biotechnology from Jawaharlal Nehru Technological University, India (2004-2008)



### Areas of Interest

Translational research is the main area of my research interest. In pursuit of my interest I started my internship to understand molecular mechanisms involved in Lipoprotein metabolism and its role in cardiovascular diseases. During the course I got introduced to *in vivo* molecular imaging techniques and I realised that it's a wonderful tool for visualising biological mechanisms *in vivo*, After all "Seeing is believing". With my interest in translation research and molecular imaging, I choose to employ my molecular biology skills in the field of molecular imaging together with learning the technical aspects of imaging. I am now involved in the development/optimisation of novel sensitive methods to image *in vivo* disease activity in immune mediated diseases (JIA and other Inflammatory disease models).

Personally I am interested in gadgets, photography, and travelling, playing badminton and computer games. I started cooking as an experiment, which now happened to be my favourite pastime hobby.

### Expertise

- In *in vivo* studies
- Protein purification and structure function analysis
- Immunological and serological assays
- Immunoblot & histology
- And several basic necessary techniques

### Expectations for EUTRAIN

For EUTRAIN I primarily expect that it provides an opportunity to build a long lasting network of translational researchers. I believe that networking and collaborations are very important in this area since translational research involves in working with researchers from diverse research backgrounds.

Through this program I personally expect to train myself in the field of molecular imaging and apply my existing knowledge towards the development of new clinical methods for early diagnosis of JIA, which would also contribute me to produce a good quality doctoral thesis and aids my personal career growth. I also expect that this program provides me an opportunity to enhance my research and soft skills by participating in conferences, workshops and other training programs.