

CURRICULUM VITAE

SHEETAL RAMACHANDRAN, M.Sc., PhD

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Major Interests: RNA Biology, Protein biochemistry, Molecular and Cellular Biology, Cancer Biology.

LIST OF PUBLICATIONS

1. **Sheetal Ramachandran**, Doan Duy Hai Tran, Sabine Klebba-Faerber, Christian Kardinal, Anthony D. Whetton and Teruko Tamura. An ataxia-telangiectasia-mutated(ATM)kinase mediated response to DNA damage down-regulates the mRNA-binding potential of THOC5. **RNA** 2011 Nov;17(11):1957-66.
 2. Anuja Guria*, Doan Duy Hai Tran*, **Sheetal Ramachandran***, Alexandra Koch, Oman El Bounkari, Priyanka Dutta, Hansjorg Hauser and Teruko Tamura 2011. Identification of mRNAs that are spliced but not exported to the cytoplasm in the absence of THOC5 in mouse embryo fibroblasts. **RNA** 2011, Apr 17:1048-1056. (* First authors - equal contribution).
 3. **Sheetal Ramachandran***, Darsan Balakrishna Menon*, 2016. Synergistic effect of spices in a decoction regulates the energy metabolism in liver cancer cells **International Journal of Phytomedicine** 2016, Vol 8, No 1 (* First authors - equal contribution).
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EDUCATION

PhD (Molecular Medicine) 2011, Hannover Medical School, Germany.

M.Sc. (Microbial Gene Technology), 2006, Madurai Kamaraj University, India.

B.Sc. (Biotechnology) 2004, University of Kerala, India.

EXPERIENCE

Nov 2014 - July 2016, Lecturer - Inter- University Centre for Evolutionary and Integrative Biology (iCEIB), University of Kerala, India.

Nov 2006 - Aug 2007, Research assistant - National Institute of Immunology, New Delhi, India.

PRESENTATIONS

Oral presentation

- **National seminar on Integrative Biotechnology and Microbiology** conducted by Society for Evolutionary and Integrative Biology and Department of Biotechnology, University of Kerala on 17th and 18th December, 2014.

Poster presentations:

- **Tri-national conference “Signal Transduction and Diseases”** Aachen, Germany. Sheetal Ramachandran, Teruko Tamura-Niemann. Structural and functional characterization of FMIP/THOC5 in DNA damage signaling (September 26-October 1, 2010), Aachen, Germany.
- **Summer school “Gene Regulation, Cell Differentiation and Tolerance”**, Goslar, Germany. Sheetal Ramachandran, Anuja Guria, Tran Duy Doan Hai, Teruko Tamura-Niemann. Structural and functional characterization of FMIP/THOC5 in mRNA export pathway and DNA damage signalling. (September 12-16), 2010 Goslar, Germany
- **Annual Physiologische chemie** meetings held in the years 2009 and 2010, Goslar, Germany.
- **National Assessment and Accreditation Council (NAAC) visit** at Madurai Kamaraj University, India 2006.

Organizer

- Chief coordinator of **International symposium** on ‘Comparative endocrinology and integrative physiology’ organized by Centre for Evolutionary and Integrative Biology (CEIB), University of Kerala in association with SEB, **August 2015**.
- Chief coordinator of **National seminar** on ‘Integrative Biotechnology and Microbiology’ conducted by Society for Evolutionary and Integrative Biology (SEIB) and Department of Biotechnology, University of Kerala on **December 2014**.
- Member of Organizing committee of **State level seminar** on Biotechnology “**Bioquest Kerala 2003**” conducted by Government College, Kariavattom, University of Kerala, India.

CO-CURRICULAR ACTIVITIES

- Holder of **Guinness world record** for participating in the **group event** for making the world’s largest **crochet blanket** organized by Mother India Crochet Queen’s (MICQ) announced on 31st January 2016 in Chennai, India. The blanket was later distributed to the children in orphanages and senior citizens in Senior living.