

Sittinan Chanarat, PhD

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RESEARCH EXPERIENCE

- 2012-2017 **Max-Planck Institute of Biochemistry, Munich, Germany**
Postdoctoral Researcher
Mentor: Prof. Dr. Stefan Jentsch
- 2011 **Gene Center, University of Munich, Munich, Germany**
Postdoctoral Researcher
Mentor: Prof. Dr. Katja Sträßer

EDUCATION

- 2007-2011 **Gene Center, University of Munich, Munich, Germany**
Dr. rer. nat. (Biochemistry)
Supervisor: Prof. Dr. Katja Sträßer
- 2005-2006 **Department of Medical Genetics, University of Tübingen, Tübingen, Germany**
Marie Curie Early Stage Research Fellow
Supervisor: Prof. Dr. Olaf Rieß
- 2003-2005 **Graduate School of Bioscience and Biotechnology, Tokyo Institute of Technology, Tokyo, Japan**
M. Eng. (Biological Information)
Supervisor: Prof. Dr. Hiroshi Handa
- 1999-2003 **School of Bioscience and Biotechnology, Tokyo Institute of Technology, Tokyo, Japan**
B. Eng. (Bioengineering)
Supervisor: Prof. Dr. Hiroshi Handa
- 1998-1999 **Tokyo University of Foreign Studies, Tokyo, Japan**
Certificate of Japanese Language Proficiency

RESEARCH INTERESTS

- Gene Expression Regulation (Transcription, Pre-mRNA Splicing and mRNA Export)
- Ubiquitin and Ubiquitin-Like Proteins
- Oxidative Stress Response

EXPERTISES

Biochemistry, Molecular Biology, Cell Biology, Yeast Genetics

ACADEMIC HONORS AND AWARDS

- 2011 Recipient, Römer Prize for Outstanding Doctoral Thesis Research
- 2005-2007 Marie Curie Early Stage Training Fellowship
- 2003-2004 Japanese Government (Monbukagakusho) Scholarship (Extended)
- 1998-2002 Japanese Government (Monbukagakusho) Scholarship

PUBLICATIONS

Chanarat S, Burkert-Kautzsch C, Meinel DM and Sträßer K. Prp19C and TREX: Interacting to Promote Transcription Elongation and mRNA Export. *Transcription* 3(1): 8-12 (2012)

Chanarat S, Seizl M and Sträßer K. The Prp19 Complex is a Novel Transcription Elongation Factor Required for TREX Occupancy at Transcribed Genes. *Genes and Development* 25(11): 1147-58 (2011)

Clausing E, Mayer A*, **Chanarat S***, Müller B, Germann SM, Cramer P, Lisby M, and Sträßer K. The Transcription Elongation Factor Bur1/Bur2 Interacts with Replication Protein A to Maintain Genome Stability. *J Biol Chem* 285(53): 41665-41674 (2010)

**these authors contributed equally to this paper*

Nuber S, Franck T, Wolburg H, Schumann U, **Chanarat S**, Teismann P, Schulz JB, Luft AR, Jürgen Tomiuk J, Wilbertz J, Bornemann A, Krüger R and Riess O. Overexpression of the Alpha-Synuclein Interacting Protein Synphilin-1 Leads to Behavioural and Neuropathological Alterations in Transgenic Mice. *Neurogenetics* 11(1):107-20 (2010)

Grundmann K, Reischmann B, Vanhoutte G, Hübener J, Teismann P, Hauser TK, Bonin M, Wilbertz J, Horn S, Nguyen HP, Kuhn M, **Chanarat S**, Wolburg H, Van der Linden A, Riess O. Overexpression of Human Wildtype TorsinA Causes a Neurological Phenotype in a Transgenic Mouse Model. *Neurobiol Dis* 27(2):190-206 (2007)

Yamaguchi Y, Mura T, **Chanarat S**, Okamoto S, Chen Y, Handa H. Hepatitis Delta Antigen Binds to the RNA Polymerase II Clamp and Modulates Transcriptional Fidelity. *Genes Cells* 12(7): 863-75 (2007)

Narita T, Yamaguchi Y, Yano K, Sugimoto S, **Chanarat S**, Wada T, Kim DK, Hasegawa J, Omori M, Inukai N, Endoh M, Yamada T, Handa H. Human Transcription Elongation Factor NELF: Identification of Novel Subunits and Reconstitution of the Functionally Active Complex. *Mol Cell Biol* 23(6):1863-73 (2003)

ACADEMIC AND PROFESSIONAL TRAININGS

2016 **Advanced Training Course for Project Leaders and Biosafety Officers for Acquiring Competence According to §15 Genetic Engineering Safety Ordinance**
Max-Planck Institute of Biochemistry, Munich, Germany

2012 **Advanced Method Course on Mass-Spectrometry-Based Proteomics**
Max-Planck Institute of Biochemistry, Munich, Germany

2008 **EMBO Young Investigator PhD Course**
EMBL Heidelberg, Germany

2006 **Marie Curie Early Stage Research Training Program**
Technical University of Munich, Germany

2006 **International Summer School on Molecular Imaging**
EMBL Heidelberg, Germany