

CURRICULUM VITAE

Tero-Pekka Alastalo

(August 2007)

Educational Background

- Post doctoral fellowship, Pediatric Cardiology, Stanford University 2007-
- PhD; University of Turku, Turku Centre for Biotechnology, Academic dissertation June 15, 2001: "Cross-talk between heat shock transcription factors 1 and 2 suggests a novel control mechanism in the cellular stress response" Thesis Advisor: Prof. Lea Sistonen
- MD; University of Turku, 2001
- Turku Graduate School of Biomedical Sciences (TuBS), 1997-2001
- Matriculation exam; Tampere, Messukylänlukio, 1993

Employment Background

- Residency in pediatrics, Turku University Hospital, 2002-2007
Which includes:
 - Residency in pediatric cardiology, Helsinki University Hospital, 2 months, 2005
 - Residency in pediatric cardiology, Sahlgrens University Hospital, Gothenburg, Sweden 3 months, 2005
 - Residency in pediatric cardiology, Turku University Hospital, 4 months, 2005-2006
 - Residency in neonatology, Turku University Hospital, 18 months 2004-
- Residency in pediatrics, Satakunta Central Hospital, 6 months 2001-2002
- Pediatrician, Ilembula Lutheran Hospital/ Tanzania 1.5 months 2005
- Research assistant, University of Turku, Turku Centre for Biotechnology, Professor Lea Sistonen's laboratory, PhD studies 1997-2001
- Research assistant, University of Turku, Department of Anatomy, Professor Martti Parvinen's laboratory, 1996-1997.

Teaching (University of Turku)

- Medical students: Neonatal Resuscitation 2004-2006.

Peer-Reviewed Publications

1. Tamai, Katherine T., Lucia Monaco, Tero-Pekka Alastalo, Enzo Lalli, Martti Parvinen and Paolo Sassone-Corsi 1996. Hormonal and Developmental Regulation of DAX-1 Expression in Sertoli Cells. *Mol Endocrinol* **10**:1561-1569.
2. Tero-Pekka Alastalo, Minna Lönnström, Sirpa Leppä, Kai Kaarniranta, Markku Peltö-Huikko, Lea Sistonen and Martti Parvinen 1997. Stage-Specific Expression and Cellular Localization of Distinct HSF2 Isoforms in the Rat Seminiferous Epithelium. *Exp. Cell Res.* **240**: 16-27.
3. Lila Pirkkala, Tero-Pekka Alastalo, Päivi Nykänen, Laura Seppä and Lea Sistonen 1999. Differentiation Lineage-Specific Expression of Human Heat Shock Factor 2. *FASEB J.* **13**, 1089-1098.
4. Lila Pirkkala*, Tero-Pekka Alastalo*, Xiaoxia Zuo, Ivor J. Benjamin, and Lea Sistonen 2000. Disruption of HSF1 Reveals an Essential Role in the Ubiquitin-Proteolytic Pathway. *Mol. Cell Biol.* **20**: 2670-2675.

* These authors contributed equally

5. Päivi Nykänen, Tero-Pekka Alastalo, Johanna Ahlskog, Nina Horelli-Kuitunen, Lila Pirkkala, and Lea Sistonen. Genomic Organization and Promoter Analysis of the Human heat Shock Factor 2 Gene. *Cell Stress and Chap.* **6**: 377-85.
6. Marko Kallio, Chang Y, Manuel M, Alastalo T-P, Rallu M, Gitton Y, Pirkkala L, Loones MT, Paslaru L, Larney S, Hiard S, Morange M, Sistonen L, Mezger V. 2002. Brain abnormalities, defective meiotic chromosome synapsis and female subfertility in HSF2 null mice. *EMBO J.* **21**: 2591-601.
7. Tero-Pekka Alastalo, Maria Hellesuo, Johanna Ahlskog, Anton Sandqvist, Ville Hietakangas, Marko Kallio, Lila Pirkkala, and Lea Sistonen. 2003. Formation of nuclear stress granules involves HSF2 and coincides with the nucleolar localization of Hsp70. *J. Cell Sci.* **116**: 3557-70.

Abstracts

1. Sirpa Leppä, Minna Lönnström, Tero-Pekka Alastalo, Karl-Ove Söderström, Markku Peltö-Huikko, Lea Sistonen and Martti Parvinen 1996. Heat Shock Factors 1 and 2 During Rat Spermatogenesis. Proceedings of the 9th European Testis Workshop, Geilo, Norway. 15-19.4.1996.
2. Tero-Pekka Alastalo, Minna Lönnström, Sirpa Leppä, Kai Kaarniranta, Markku Peltö-Huikko, Lea Sistonen and Martti Parvinen 1996. Stage-Specific Expression of Distinct HSF2 Isoforms in the Seminiferous Epithelium of Rat Testis. Proceedings of the 6th BioCity Symposium. Turku, Finland. 19.-20.9.1996.
3. Tero-Pekka Alastalo, Minna Lönnström, Sirpa Leppä, Kai Kaarniranta, Markku Peltö-Huikko, Lea Sistonen and Martti Parvinen 1996. Stage-Specific Expression of Distinct HSF2 Isoforms in the Seminiferous Epithelium of Rat Testis. Proceedings of the "Stress of Life" congress, Budapest, Hungary. 1.-5.7.1997.

4. Lila Pirkkala, Tero-Pekka Alastalo, Päivi Nykänen, Laura Seppä and Lea Sistonen 1998. Analysis of Expression and Regulatory Functions of Human HSF2. Proceedings of the “Molecular Chaperones and the Heat Shock Response” –meeting. Cold Spring Harbor, New York, USA. 6.-10.5.1998.
5. Tero-Pekka Alastalo, Lila Pirkkala, Päivi Nykänen, Laura Seppä and Lea Sistonen 1998. Differentiation Lineage-Specific Expression of Human HSF2. Proceedings of the Third EMBL Meeting on Transcription. EMBL, Heidelberg, Germany. 22-26.8.1998.
6. Lila Pirkkala, Tero-Pekka Alastalo, Päivi Nyknen, Laura Seppä and Lea Sistonen 1999. Expression and Regulation of Human Heat Shock Factor 2. Proceedings of the ISREC Conference on Cancer and the Cell Cycle. Lausanne, Switzerland. 26-30.1.1999.
7. Tero-Pekka Alastalo, Lila Pirkkala and Lea Sistonen 1999. Disruption of HSF1 Reveals an Essential Role in the Ubiquitin-Proteolytic Pathway. Proceedings of the 9th BioCity Symposium. Turku, Finland. 26.-27.8.1999.
8. Tero-Pekka Alastalo, Päivi Nykänen, Nina Horelli-Kuitunen, Lila Pirkkala and Lea Sistonen 2000. Genomic Structure and Chromosomal Localization of the Human HSF2 Gene and Promoter Sequences. Proceedings of the “Molecular Chaperones and the Heat Shock Response”-meeting, Cold Spring Harbor, New York, USA. 3.-5.5.2000.
9. Tero-Pekka Alastalo, Lila Pirkkala, Ville Hietakangas, Marko Kallio and Lea Sistonen 2000. Regulation of HSF2 Is Linked to the Cellular Stress Response Pathway. Proceedings of the “Molecular Chaperones and the Heat Shock Response”-meeting, Cold Spring Harbor, New York, USA. 3.-5.5.2000.
10. Tero-Pekka Alastalo, Tuire Katajamäki, Lila Pirkkala, Marko Kallio and Lea Sistonen 2000. Regulation of HSF2 Is Linked to the Cellular Stress Response Pathway. Proceedings of the 10th BioCity Symposium. Turku, Finland. 31.8.-1.9.2000.
11. Tero-Pekka Alastalo, Maria Hellesuo, Johanna Ahlskog, Anton Sandqvist, Ville Hietakangas, Marko Kallio, Lila Pirkkala and Lea Sistonen 2001. Cross-Talk Between Heat Shock Factors 1 and 2: Interaction and Co-localization in Nuclear Stress Granules. The Gordon Research Conference on Stress-Induced Gene Expression. Connecticut College, New London, CT, USA. 8.-13.7.2001.