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Publication List

A. Thesis:

1. A.O. Tastan, "The Molecular Basis of Alpha-Thalassemia in Turkey: Establishment and Application of PCR-Based Methods," M.Sc. Thesis, Dept. of Molecular Biology and Genetics, Bogazici University, Istanbul, Turkey, Feb. 1996.

B. Journal Papers:

1. David J. Picketts, Ayse O. Tastan, Douglas R. Higgs, and Richard J. Gibbons, "Comparison of the human and murine ATRX gene identifies highly conserved, functionally important domains," *Mammalian Genome* 9, pp. 400-403, 1998.
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3. A. Özlem Tastan, Markus A. Schäfer, Sebastian Patzke, Gregor Blaha, Christian M. T. Spahn, Daniel N. Wilson, and Knud H. Nierhaus "Codon-Anticodon Interaction at the P Site Is a Prerequisite for tRNA Interaction with the Small Ribosomal Subunit"
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2. Tastan, A.O., Akar, N., Canatan, D., and Basak, A.N., "The Molecular Basis of Alpha-Thalassemia in Turkey: Establishment and Application of PCR-Based Methods," 24th National Haematology Congress, Istanbul, Turkey, April 1996.
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7. Tastan A.O., Patzke S., Nierhaus K.H., "Identification of tRNA-ribosome contacts during elongation cycle", 46th Annual Meeting of the Biophysical Society, p 521, San Francisco, USA, Feb 23th-27th 2002.

Talks

1. "Application of the phosphorothioate technique with ribosomal subunits and 70S in the PRE and POST state", **6th Workshop on Experimental Strategies for Ribosomal Research**, Schloss Ringberg, April 26-30, 1999
2. "Buffer dependence for tRNA folding", **7th Workshop on Experimental Strategies for Ribosomal Research**, Schloss Ringberg, April 16-20, 2001
3. "tRNA contacts with ribosome: new insights about the mechanism of protein synthesis", **Physics and Molecular Cell Biology Departments, The University of Arizona**, Tucson, Feb. 28, 2002