

Curriculum Vitae

Personal Details

Name: Bogac Kaynak
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Date of Birth: 10 March 1972
Nationality: Republic of Turkey

Education

2001- present PhD student, Max-Planck Institute For Molecular Genetics,
Berlin, Germany and Free University of Berlin, Berlin,
Germany
Thesis title: "Global transcriptome and spatio-temporal gene
expression analysis of normal and malformed hearts"

1999 MSc, Medical Biology and Genetics
Marmara University School of Medicine, Istanbul, Turkey
Thesis title: "The expression levels of genes affected by 17 β -
Estradiol in Endothelial Cells"

1996 BSc, Biology, Department of Biology, Istanbul University,
Istanbul, Turkey

Work Experience

1999 - 2001 Project and Teaching Assistant,
Sabanci University, Istanbul, Turkey

1996 - 1999 Teaching assistant,
Department of Medical Biology and Genetics
Marmara University School of Medicine, Istanbul, Turkey

1995 - 1996 Student technical assistant,
Department of Biology,
Istanbul University, Istanbul, Turkey

1995 - 1998 Provided consulting services for computer operations.

Publications

Westhoff TH, Scheid S, Tölle M, Kaynak B, Schmidt S, Zidek W, Sperling S, van der Giet M (2005). "A physiogenomic approach to study the regulation of blood pressure." **Physiological Genomics** (in press)

Kaynak B, von Heydebreck A, Mebus S, Seelow D, Hennig S, Vogel J, Sperling HP, Pregla R, Alexi-Meskishvili V, Hetzer R, Lange PE, Vingron M, Lehrach H, Sperling S. (2003) "Genome-wide array analysis of normal and malformed human hearts." **Circulation** 20:107(19):2467-74.

Heydebreck A, Sperling S., Kaynak B, Lehrach H, Vingron M. (2004) Genexpressionsanalyse komplexer klinischer Phenotypen mittels cDNS-Arrays - Gene Expression Profiling of Complex Clinical Phenotypes using cDNA-Arrays. **it-Information Technology** 46:26-30.

Bilsel AS, Moini H, Tetik E, Aksungar F, Kaynak B, Ozer A (2000) "17Beta-estradiol modulates endothelin-1 expression and release in human endothelial cells" **Cardiovascular Research** 46: 579-84.

Posters and Oral Presentations

Weinstein Cardiovascular Development Conference, May 2005, University of Arizona Tuscon, USA. "Assingment of DPF3 in the process of cardiac development" Lange M, Kaynak B, Grimm C, Hammer S, Galli R, Sperling S.

Neonatal and Perinatal Research Institute, University of Duke, Durham, USA, October 2004. Kaynak B "Genome-wide array analysis of malformed and normal hearts".

Weinstein Cardiovascular Development Conference, May 2003, Harvard Medical School, Boston, USA. "Genome-wide array analysis of normal and malformed human hearts" Kaynak B, von Heydebreck A, Mebus S, Seelow D, Hennig S, Vogel J, Sperling HP, Pregla R, Alexi-Meskishvili V, Hetzer R, Lange PE, Vingron M, Lehrach H, Sperling S.

XIX International Congress of Genetics, July 2003, Melbourne, Australia. "A genome-wide transcriptional fingerprint of normal and malformed human hearts" Sperling S, Kaynak B, von Heydebreck A, Mebus S, Seelow D, Lehrach H

Courses attended

Congenital Heart Disease: A Hands-on Course with Post-Mortem Specimens in connection with Weinstein Cardiovascular Development Conference, 2004, Leiden, Netherlands.

The 2nd International Training Workshop in Bioinformatics, 1999 TUBITAK, Marmara Research Center, Turkey, in collaboration with the European Molecular Biology Network (EMBnet) and The International Center for Cooperation in Bioinformatics at the Weizmann Institute of Science, Israel.