Blood and Biomarkers in Huntington's Disease

Mastrokolias, A.

Publication List

1. **Mastrokolias A**, den Dunnen JT, van Ommen GB, 't Hoen PA, van Roon-Mom WM: Increased sensitivity of next generation sequencing-based expression profiling after globin reduction in human blood RNA. BMC Genomics 2012, 13: 28.

2. Zhernakova DV, de Klerk E, Westra HJ, **Mastrokolias A**, Amini S, Ariyurek Y et al.: DeepSAGE reveals genetic variants associated with alternative polyadenylation and expression of coding and non-coding transcripts. PLoS Genet 2013, 9: e1003594.

3. **Mastrokolias A**, Ariyurek Y, Goeman JJ, van DE, Roos RA, van der Mast RC et al.: Huntington's disease biomarker progression profile identified by transcriptome sequencing in peripheral blood. Eur J Hum Genet 2015, 23: 1349-1356.

4. **Mastrokolias A**, Pool R, Mina E, Hettne KM, van DE, van der Mast RC et al.: Integration of targeted metabolomics and transcriptomics identifies deregulation of phosphatidylcholine metabolism in Huntington's disease peripheral blood samples. Metabolomics 2016, 12: 137.

Curriculum Vitae

Anastasios Mastrokolias was born in 1979 in Athens, Hellas. He obtained his National Lyceum Apolytirion Diploma in 1997 from Ionidios School of Piraeus. In 2001 he joined the Hellenic Navy Force where he served his 19-month national military service at the Salamis Naval Base and at the Athens Navy Hospital. In 2003 he got accepted at King's College London where he studied Molecular Genetics and from where he graduated in 2006 with an upper second class bachelor's degree. During his Bachelor of Science research project Anastasios worked on the mutational analysis of lysosomal pathways using Dictyostelium Discoideum. In 2006 he got admitted to Imperial College London where he obtained his Human Molecular Genetics master's degree diploma, also with an upper second class classification. During his Master of Science program Anastasios undertook a 6-month research project with leading scientists at the University College of London Institute of Ophthalmology where he worked on candidate gene studies based on X Linked retinal degeneration. In 2008 Anastasios worked as a postgraduate trainee under an FP7 educational training scholarship at the Foundation of Research and Technology at Heraklion, Crete in Greece where he received training on wet lab and bioinformatics aspects of cDNA microarray analyses. Finally, from May of 2009 until the December of 2013 Anastasios completed the main part of his PhD on Huntington's disease at the department of Human and Clinical Genetics of the Leiden University Medical Center and under the supervision of Prof. GertJan van Ommen and Dr. Willeke van Roon-Mom.

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