

# CURRICULUM VITAE – Hamza Furkan Alkan, Msc.

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## EDUCATION / WORK EXPERIENCE

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- 03/2015 - present      **PhD Student**, Institute of Biochemistry, Graz University of Technology, Austria
- 03/2015 - present      **PhD Student**, Doctoral College “Metabolic and Cardiovascular Disease”, Medical University of Graz, Austria
- 09/2014 – 11/2014      **Research and Teaching Assistant**, Department of Molecular Biology and Genetics, Üsküdar University, Turkey
- 03/2013 - 07/2013      **Master Thesis**, Visiting Master Student in Institute of Pharmaceutical Sciences, Department of Chemistry and Applied Sciences, Swiss Federal Institute of Technology (ETHZ), Switzerland  
**Master Thesis:**  
“Overexpression of VEGFC in the skin induces insulin resistance via recruiting macrophages”
- 01/2013 - 03/2014      **Project assistant**, Gebze Institute of Technology, Turkey  
**awarded by:** The Scientific and Technological Research Council of Turkey
- 09/2012 - 04/2014      **Master degree**, Molecular Biology and Genetics, Graduate School Engineering and Sciences, Gebze Institute of Technology, Turkey  
**Diploma Thesis:**  
“The Effects of VEGFC and SIK2 on Polarization and Recruitment of Macrophages”
- 09/2008 - 06/2012      **Bachelor degree**, Department of Molecular Biology & Genetics, Faculty of Science and Letters, Istanbul Technical University, Turkey  
**Graduation Thesis:**  
“Subcloning of Exon2 Fragment of MEFV gene in pSpliceExpress Vector”

## PUBLICATIONS

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Sinem Karaman, Maija Hollmén, Marius R. Robciuc, Annamari Alitalo, Harri Nurmi, Bettina Morf, Dorina Buschle, **H. Furkan Alkan**, Alexandra M. Ochsenbein, Kari Alitalo, Christian Wolfrum, Michael Detmar, Blockade of VEGF-C and VEGF-D modulates adipose tissue inflammation and improves metabolic parameters under high-fat diet, *Molecular Metabolism*, Volume 4, Issue 2, February 2015, Pages 93-105, ISSN 2212-8778, <http://dx.doi.org/10.1016/j.molmet.2014.11.006>.

## POSTERS

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**H. Furkan Alkan**, F.S.Ö., Ferruh Özcan. *A potential novel role of SIK2 in mitotic clonal expansion of 3T3-L1 pre-adipocytes in 2nd International Congress of the Molecular Biology Association of Turkey 2013*. Istanbul Technical University, Istanbul.

Graz, April, 2015