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## Publications

- **Kocaturk B**, Versteeg HH. Orthotopic Injection of Breast Cancer Cells into the Mammary Fat Pad of Mice to Study Tumor Growth. JoVE, Accepted.
- Unruh D, Turner K, Srinivasan R, **Kocaturk B**, Qi X, Chu Z, et al. Alternatively spliced tissue factor contributes to tumor spread and activation of coagulation in pancreatic ductal adenocarcinoma. *Int J Cancer* 2014 Jan 1;134(1):9-20.
- **Kocaturk B**, Van den Berg YW, Tieken C, Mieog JS, de Kruijf EM, Engels CC, et al. Alternatively spliced tissue factor promotes breast cancer growth in a beta1 integrin-dependent manner. *Proc Natl Acad Sci U S A* 2013 Jul 9;110(28):11517-22.
- **Kocaturk B**, Versteeg HH. Tissue factor-integrin interactions in cancer and thrombosis: every Jack has his Jill. *J Thromb Haemost* 2013 Jun;11 Suppl 1:285-93.
- **Kocaturk B**, Versteeg HH. Tissue factor isoforms in cancer and coagulation: may the best isoform win. *Thromb Res* 2012 Apr;129 Suppl 1:S69-S75.
- van den Hengel LG, **Kocaturk B**, Reitsma PH, Ruf W, Versteeg HH. Complete abolishment of coagulant activity in monomeric disulfide-deficient tissue factor. *Blood* 2011 Sep 22;118(12):3446-8.



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## **Curriculum Vitae**

The author of this thesis was born in 15 October 1986 in Ankara, Turkey. She studied at Ari Science High School with scholarship and graduated with full marks. Later, she studied at Bilkent University Molecular Biology and Genetics department (2003-2008). Bilkent University awarded her with full scholarship and she graduated as a high honor student (cum laude). During her bachelor study, she had a chance to do her senior Project with the dean of the science faculty (Prof. Dr. Tayfun Özçelik) at Bilkent University. Her study was orally presented at Çanakkale Medical Genetics conference, 2008. The author also did internships in several other countries: She worked on the functional characterization of Strubellig gene family members at Munich Technical University, Germany (Prof. Kay Schneitz). In addition, she investigated the role of TGF- $\beta$  pathway and BMP9 protein in osteoarthritis at McGill University, Canada (Dr. Anie Philip).

In the beginning of 2009, she started working as a researcher at Einthoven Laboratory for Experimental Vascular Medicine, Leiden University Medical Center, The Netherlands. In 2010, she joined the PhD program in the same laboratory and investigated role of TF isoforms in cancer and coagulation under the supervision of Dr. Henri H. Versteeg and Prof. Dr. Pieter H. Reitsma. The work described in this thesis was presented orally and as a poster in the congresses such as International Society on Thrombosis and Hemostasis (Kyoto, 2011 and Amsterdam, 2013), ICTHIC (Bergamo, 2012) and NVTH (Koudekerke, 2012). During her PhD, the author also did a 3 months study with the leading name in the Tissue Factor field, Prof. Dr. Wolfram Ruf at Scripps Research Institute.

Since May 2014, the author works at Bilkent University as a Post-Doc with Dr. Ebru Erbay in close collaboration with Harvard University. The Project investigates new treatment strategies for atherosclerosis and supported by an ERC grant.

