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Identification of therapeutic targets and antisense oligonucleotide mediated exon skipping based therapies in arthritis

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Seda was born on the 28th of April 1979 in Ankara, Turkey. She studied Biology at the Middle East Technical University (METU), Ankara, Turkey between 1999-2004. Immediately after her graduation in 2004, she started her masters at the Biotechnology Department of the Middle East Technical University. She conducted her research in the Molecular Biology and Genetics Lab under supervision of Prof. Mahinur S. Akkaya. In 2008 she started her PhD at the Department of Human Genetics, in Leiden University Medical Centre (LUMC), Leiden, The Netherlands. She was in the group of Assoc.Prof. Sjeef Verbeek and completed her research in 2013. Since 2014 she has been working at ProQR Therapeutics as a Scientist.

List of publications

LIST OF PUBLICATIONS

A. Seda Yilmaz-Elis, Javier Martin Ramirez, Patrick Asmawidjaja, Anne-Marie Mus, Jos van der Kaa, Maarten D. Brem, Jill W. C. Claassens, Cor Breukel, Conny Brouwers, Sara Mangsbo, Peter Boross, Eric Lubberts, J. Sjef Verbeek, *FcγRIIb on myeloid cells rather than on B cells protects from collagen induced arthritis*, Journal of Immunology, May 19, 2014, doi: 10.4049/jimmunol.1303272

A.Seda Yilmaz-Elis, Annemieke Aartsma-Rus, Peter A C 't Hoen, Huma Safdar, Cor Breukel, Bart JM van Vlijmen, Judith van Deutekom, Sjef de Kimpe, Gert-Jan van Ommen, J Sjef Verbeek, *Inhibition of IL-1 Signaling by Antisense Oligonucleotide Mediated Exon Skipping of IL-1Receptor Accessory Protein (IL-1RAcP)*, Mol Ther Nucleic Acids. 2013 January; 2(1)

A.Seda Yilmaz-Elis, Annemieke Aartsma-Rus, Anne Vroon, Judith van Deutekom, Sjef de Kimpe, Peter A C 't Hoen, Gert-Jan van Ommen, J Sjef Verbeek, *Antisense oligonucleotide mediated exon skipping as a potential strategy for the treatment of a variety of inflammatory diseases such as rheumatoid arthritis*, Ann Rheum Dis 2012;71:i75-i77

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Robert M. Hoek, Daphne de Launay, Else N. Kop, **A. Seda Yilmaz-Elis**, Feng Lin, Kris A. Reedquist, J. Sjef Verbeek, M. Edward Medof, Paul P. Tak, Jörg Hamann, *Deletion of either CD55 or CD97 ameliorates arthritis in mouse models*, ARTHRITIS & RHEUMATISM, Vol. 62, No. 4, April 2010, pp 1036–1042

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