Genetic prognostication in uveal melanoma

Dogrusoz, M.

LIST OF PUBLICATIONS

1. **Dogrusöz M**, Jager MJ. Genetic prognostication in uveal melanoma. *Acta Ophthalmol.* 2017 Nov 4. [Epub ahead of print].

2. Gezgin G, Luk SJ, Cao J, **Dogrusöz M**, van der Steen DM, Hagedoorn RS, Krijgsman D, van der Velden PA, Field MG, Luyten GPM, Szuhai K, Harbour JW, Jordanova ES, Heemskerk MHM, Jager MJ. PRAME as a potential target for immunotherapy in metastatic Uveal Melanoma. *JAMA Ophthalmol*. 2017;135:541-549.

3. **Dogrusöz M**, Jager MJ, Damato B. Uveal Melanoma treatment and prognostication. *Asia Pac J Ophthalmol (Phila)*. 2017;6:186-196.

4. Jager MJ, **Dogrusöz M**, Woodman SE. Uveal Melanoma: Identifying immunological and chemotherapeutic targets to treat metastases. *Asia Pac J Ophthalmol (Phila)*. 2017;6:179-185.

5. Gezgin G, **Dogrusöz M**, van Essen TH, Kroes WGM, Luyten GPM, van der Velden PA, Walter V, Verdijk RM, van Hall T, van der Burg SH, Jager MJ. Genetic evolution of uveal melanoma guides the development of an inflammatory microenvironment. *Cancer Immunol Immunother*. 2017;66:903-912.

6. **Dogrusöz M**, Bagger M, van Duinen SG, Kroes WG, Ruivenkamp CA, Böhringer S, Andersen KK, Luyten GP, Kiilgaard JF, Jager MJ. The prognostic value of AJCC Staging in Uveal Melanoma is enhanced by adding chromosome 3 and 8q Status. *Invest Ophthalmol Vis Sci*. 2017;58:833-842.

7. Cao J, Heijkants RC, Jochemsen AG, **Dogrusöz M**, de Lange MJ, van der Velden PA, van der Burg SH, Jager MJ, Verdijk RM. Targeting of the MAPK and AKT pathways in conjunctival melanoma shows potential synergy. *Oncotarget*. 2016;8:58021-58036.

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affects chromosome testing in Uveal Melanoma. *Invest Ophthalmol Vis Sci*. 2015;56:5956-5964.

10. De Lange MJ, Razzaq L, Versluis M, Verlinde S, **Dogrusöz M**, Böhringer S, Marinkovic M, Luyten GP, de Keizer RJ, de Gruijl FR, Jager MJ, van der Velden PA. Distribution of GNAQ and GNA11 mutation signatures in Uveal Melanoma points to a light dependent mutation mechanism. *PLoS One.* 2015;10:e0138002.

11. Nielsen M, **Dogrusöz M**, Bleeker JC, Kroes WG, van Asperen CA, Marinkovic M, Luyten GP, Jager MJ. The genetic basis of uveal melanoma. *J Fr Ophthalmol*. 2015;38:516-521.

12. Herlihy N, **Dogrusöz M**, van Essen TH, Harbour JW, van der Velden PA, van Eggermond MC, Haasnoot GW, van den Elsen PJ, Jager MJ. Skewed expression of the genes encoding epigenetic modifiers in high-risk uveal melanoma. *Invest Ophthalmol Vis Sci*. 2015;56:1447-1458.

13. AJCC Ophthalmic Oncology Task Force. International validation of the American Joint Committee on Cancer's 7th Edition classification of Uveal Melanoma. *JAMA Ophthalmol*. 2015;133:376-383.

14. **Dogrusöz M**, de Geus S, Ly LV, Böhringer S, van Duinen SG, Kroes WGM, Haasnoot GW, Marinkovic M, Luyten GP, Kivelä T, Jager MJ. Gender and chromosome 8q status influence survival in Uveal Melanoma patients surviving more than five years following enucleation. *(Submitted for publication)*

15. **Dogrusöz M**, Ruschel Trasel A, Cao J, Çolak S, van Pelt SI, Kroes WGM, Teunisse AFAS, Alsafadi S, van Duinen SG, Luyten GP, van der Velden P, Pfeffer U, Jochemsen AG, Jager MJ. Differential expression of DNA repair genes in prognostically-favorable versus prognostically-unfavorable Uveal Melanoma. *(Submitted for publication)*

16. Piaggio F, **Dogrusöz M**, Bordo D, Puzone R, Viaggi S, Coviello D, Lanza F, Liguori P, Mosci C, van der Velden P, Jager MJ, Pfeffer U, Amaro A. Uveal melanoma with a mutation in the Gα-protein GNA11 show a more aggressive clinical course than those with a GNAQ mutation. *(Submitted for publication)*

ACKNOWLEDGEMENTS

These acknowledgements mark the end of my thesis writing and the final phase of my journey in obtaining a PhD degree. This journey was a very pleasant and inspiring experience that I will cherish forever. I would like to express my eternal gratitude to all those who knowingly and unknowingly contributed to the completion of this work.

I am grateful to my promotor, Prof. Dr. Martine J. Jager, without whose guidance and support this thesis could not have been realized. Dear Martine, thank you for providing me the opportunity to perform research under your supervision, you have been a true mentor for me. Your critical attitude towards research, your work ethic, enthusiasm and approachable personality have inspired me. I appreciate the way you supported me while at the same time giving me enough freedom to explore on my own. I have been fortunate to have you as my promotor.

I express my thanks to Prof. Dr. Gré Luyten and the Department of Ophthalmology of the LUMC for enabling me to do research at the department. My sincere appreciation and thanks to fellow researchers at the Ophthalmology lab for their company and support. I cherish the valuable discussions.

I owe a debt of gratitude to my collaborators from other departments inside and outside the LUMC. Your constructive comments helped me in improving my research. It was great to share thoughts with you.

Dear Annemijn and Ruslán, I am very happy to have you as my paranymphs. Annemijn, it has been a pleasure having you as a colleague. You are a very kind and friendly person, and I enjoyed your company. I wish you all the luck in your PhD journey and future career. Ruslán, we have been friends for more than 15 years now and share many unforgettable experiences. The excitement you felt when I asked you to be my paranymph said enough about our friendship.

On a personal note, I would like to thank my parents for their unconditional love and support. You strived hard to create a warm and peaceful environment in

which my siblings and I had all the opportunity to study. Your emphasis on the importance of discipline, hard work, and respect has helped me in every aspect of my life.

Last but not least, my dear fiancée Florence, thank you for your love, support, and encouragement. Not to forget, my deepest gratitude for your understanding during the weekends I spent doing research. Words don't suffice to express my appreciation for your warm-hearted personality. You have my utmost admiration.

Sincerely,

Mehmet

CURRICULUM VITAE

Mehmet Doğrusöz was born on September 22th, 1988 in Adana, Turkey. He moved to the Netherlands at the age of four and was raised in The Hague. He attended high school at the Segbroek College in The Hague and graduated *cum laude*. During his high school years, he practiced the Korean martial art Taekwondo and won several prizes at national and European level. He matriculated to medical school at the Leiden University and graduated, receiving his propaedeutic diploma *cum laude*, in 2013. Besides medical school, he followed an extracurricular programme in Biomedical Sciences. In his last year as medical student, he started scientific research on uveal melanoma. That project culminated into PhD research under the supervision of Prof. Dr. Martine J. Jager. During his PhD training, he had the opportunity to present his work at various conferences and established international collaborations. Most recently, he started working as a resident in ophthalmology.