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A systems biology approach to study high-grade osteosarcoma

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Citation

Kuijjer, M. L. (2013, June 26). *A systems biology approach to study high-grade osteosarcoma*. Retrieved from <https://hdl.handle.net/1887/21043>

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Issue Date: 2013-06-26

Curriculum Vitae

Marieke Lydia Kuijjer was born on February 5, 1982, in Zaanstad, the Netherlands. She attended preuniversity school (gymnasium) at the Sint Adelbert College in Wasse-naar. After graduating with honors in 2000, she enrolled in the Bachelor's programme Mathematics and Statistics at Leiden University. She switched to Biomedical Sciences in 2003, and received her Propaedeutics with distinction. During the Bachelor's phase of her studies, Marieke followed an Erasmus exchange program at Karolinska Institutet in Stockholm, Sweden. For her Bachelor's thesis, she studied protein dynamics using confocal microscopy under the supervision of C.R. Jost, PhD, at the department of Molecular Cell Biology, Leiden University Medical Center. During her Master's programme, she received two scholarships to follow Master's courses at Karolinska Institutet. As a trainee at the department of Human Genetics, Leiden University Medical Center, she integrated microarray data of a panel of cancer cell lines under the supervision of J.M. Boer, PhD. For her Master's thesis, she studied Wnt signaling in bone formation at the department of Molecular Cell Biology of the same institute, under the supervision of D.J. de Gorter, PhD, and P. ten Dijke, PhD. Marieke received her Master of Science degree in December 2008 and started her PhD education in the same month. The results obtained during her PhD education are described in this thesis. In May 2013, Marieke started as a postdoctoral fellow in the laboratory of J. Quackenbush, PhD, at the department of Biostatistics and Computational Biology of the Dana-Farber Cancer Institute, Boston (MA), USA.

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Acknowledgments

It is a great pleasure to give respect to those who made this thesis possible. I owe sincere gratitude to my promotor, prof. dr. P.C.W. Hogendoorn, and to my copromotor, dr. A.M. Cleton-Jansen. Pancras, I enjoyed working in your group, which has been an excellent environment to start my scientific career. Anne-Marie, your enthusiasm and knowledge were always stimulating, and I thank you for giving me freedom to find my own research direction. All colleagues from the department of Pathology are acknowledged, in particular the technicians, who provided me with excellent technical support. I am indebted to my roommates for their patience and support and especially to Cathelijn, Jolieke, Sara, and Wei for their friendship. I dearly thank Lisanne Vijfhuizen, Frauke Liebelt, and Elleke Peterse; I enjoyed to work with you and wish you all the best with your careers. Special thanks to all EuroBoNeT partners and to PamGene for the good collaborations. An honorable mention goes to my family and friends for their understanding and support. Finally, I thank Alessandro Marin for supporting me in every possible way, and for believing in me. *Ti amo.*