Unravelling molecular mechanisms in transcription-coupled nucleotide excision repair

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Acknowledgements

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Curriculum Vitae

Yana van der Weegen was born on October 20th, 1993 in Leiderdorp, The Netherlands. In 2010 she successfully completed Senior general secondary education (HAVO) at the Keizer Karel College (KKC) in Amstelveen, after which she started the study Biology and Medical Laboratory research at Inholland University of Applied Sciences. During her bachelor she did a 6-month internship at the Academic Medical Center (AMC) Amsterdam where she studied DNA damage responses after ionizing radiation, hyperthermia and cisplatin. As a graduation project she studied the SMN1 and SMN2-gene in patients with Spinal Muscular Atrophy at the University Medical Center (UMC) Utrecht. After receiving her Bachelor's degree in 2014, she continued with the master Biomolecular Sciences at the VU University Amsterdam. During her master she characterized the interaction between E6AP and PSMD4 at the Department of Biochemistry at AMC Amsterdam. She successfully completed her masters in 2016 with an internship at the department of Molecular Cell Biology at Leiden University Medical Center (LUMC) in Leiden, where she studied dimerization of the Notch ligand DLL4 in angiogenesis. In January 2017, Yana joined the department of Human Genetics at LUMC as a PhD student where she aimed to decipher the molecular mechanisms in transcription-coupled nucleotide excision repair (TCR) under supervision of Dr. M.S. Luijsterburg. As of October 2021, she works as a postdoc in the lab of Prof. dr. D. Chowdhury at Dana-Farber Cancer Institute (DFCI)/Harvard Medical School (HMS) in Boston.

List of Publications

Van der Weegen, Y.*, de Lint, K.*, van den Heuvel, D., Nakazawa, Y., Mevissen, T.E.T., van Schie, J.J.M., San Martin Alonso, M., Boer, D.E.C., González-Prieto, R., Narayanan, I.V., Klaassen, N.H.M., Wondergem, A.P. Roohollahi, K., Dorsman, J.C., Hara, Y., Vertegaal, A.C.O., de Lange, J., Walter, J.C., Noordermeer, S.M., Ljungman, M., Ogi, T., Wolthuis, R.M.F., and Luijsterburg, M.S. (2021). ELOF1 is a transcription-coupled DNA repair factor that directs RNA polymerase II ubiquitylation. *Nat. Cell Biol.* 23, 595–607.
** YvdW and KdL contributed equally to this work.*

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