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Structure and function of the UVDE repair protein

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CURRICULUM VITAE

Keti Paspaleva was born on 29 August 1978 in Bourgas, Bulgaria. In 1997 she completed the English Language School in Bourgas, Bulgaria. Between 1997 and 2003 she studied Pharmacy at the Medical University of Sofia. After a thesis project regarding the side effects of Paracetamol, she received *cum laude* a Master Degree from the Medical University of Sofia in 2003.

In the same year (2003) she started a PhD project on the structural and biochemical characterization of UVDE at the departments of Molecular Genetics and Biophysical Structural Chemistry, University of Leiden. The results of her scientific work are summarized in this thesis.

Currently she is working as a QO project leader at Centocor BV in Leiden.

LIST OF PUBLICATIONS

Paspaleva K, Thomassen E, Pannu NS, Iwai S, Moolenaar GF, Goosen N, Abrahams JP, Crystal structure of the DNA repair enzyme ultraviolet damage endonuclease, *Structure* **15** (2007), pp. 1316-1324

Paspaleva K, Moolenaar GF, Goosen N, Damage recognition by UV damage endonuclease from *Schizosaccharomyces pombe*. *DNA Repair* (2009), in press

Meulenbroek E, **Paspaleva K**, Thomassen E, Abrahams JP, Goosen N, Pannu NS, Involvement of a carboxylated lysine in UV damage endonuclease from *Thermus thermophilus*, *Protein Science* (2009), in press

Paspaleva K, Moolenaar GF, Goosen N, Active site organisation of UVDE - a Mn²⁺ dependent nuclease, *submitted*

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Keti Paspaleva
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