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Structure-based insights into the repair of UV-damaged DNA

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- Meulenbroek, E.M., Paspaleva, K., Thomassen, E.A., Abrahams, J.P., Goosen, N., Pannu, N.S., Involvement of a carboxylated lysine in UV damage endonuclease, *Protein Sci.* **18**, 549-558 (2009)
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- Meulenbroek, E.M., Thomassen, E.A.J., Pouvreau, L., Abrahams, J.P., Gruppen, H., Pannu, N.S., Structure of a post-translationally processed heterodimeric double-headed Kunitz-type serine protease inhibitor from potato, *Acta Cryst.* **D68**, 794-799 (2012)
- Bashir, Q., Meulenbroek, E.M., Volkov, A.N., Pannu, N.S., Ullmann, G.M., Ubink, M., Engineering specificity in the non-physiological complex of horse cytochrome c and yeast cytochrome c peroxidase by a single conserved mutation. (manuscript in preparation)
- Meulenbroek, E.M., Vrouwe, M.G., Mullenders, L.H.F., Pannu, N.S., Insights into Transcription-Coupled Repair from the crystal structure of Cockayne Syndrome protein A. (manuscript in preparation)
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Oral presentations

1. Lunteren, the Netherlands, *NWO study group crystallography meeting*, 2009.
2. Rio de Janeiro, Brazil, *Brazil school for single particle cryo-electron microscopy*, 2010.
3. Amsterdam, the Netherlands, *Structural bioinformatics meets structural biology meeting*, 2011.
4. Maarssen, the Netherlands, *CHAINS meeting*, 2011.

Poster presentations

1. Lunteren, the Netherlands, *NWO study group proteins meeting*, 2008.
2. Hamburg, Germany, *Protein Expression, Purification and Crystallization course*, 2008.
3. Leiden, the Netherlands, *Reedijk symposium*, 2011, best poster award.

Courses

1. Hamburg, Germany, *Protein Expression, Purification and Crystallization course*, 2008.
2. Granada, Spain, *International School on Biological Crystallization*, 2009.
3. Erice, Italy, *Structure and function from macromolecular crystallography*, 2010.
4. Rio de Janeiro, Brazil, *Brazil school for single particle cryo-electron microscopy in Rio de Janeiro*, 2010.