

Alex (I. M.) van der Wateren

Darwin College, Silver Street
CB3 9EU, Cambridge, UK

e-mail: alexvanderwateren@gmail.com
mobile: 07341877370

LinkedIn: www.linkedin.com/in/alexvanderwateren

website: www.alexvanderwateren.com

Education

- 2012-2016 **PhD** in Chemistry, University of Cambridge (award due 2017).
2009-2011 Research Master Medical Biology (**MSc.**), University of Amsterdam (diploma 2011).
2007-2009 Bachelor BioMedical Sciences (**BSc.**), University of Amsterdam (diploma 2009).
2006-2007 Bachelor BioMedical Sciences, Utrecht University (continued in Amsterdam).
2005-2006 Bachelor in Fashion Design, University of the Arts Utrecht (HKU) (no diploma).

Academic Career

- 2016- date Department of Chemistry, University of Cambridge
PDRA Post-Doctoral research assistant focussing on effects of post-translational modifications of α -synuclein on aggregation, under supervision of Prof. Dr. Dobson.
- 2012-2016 Department of Chemistry, University of Cambridge
PhD Dissertation: *Effects of C-terminal truncation and lipid interactions on the aggregation of α -synuclein*. Supervisor: Prof. Dr. Dobson.
- 2012 Department of Immunology, Wenner-Gren Institute, Stockholm
Research assistant Research topic: Aberrations in the innate immune system and correlation with symptoms in patients with fibromyalgia, under supervision of Prof. Dr. Sverremark Ekström, Prof. Dr. Severinson and Dr. Bileviciute-Ljungar.
- 2011-2012 Department of Cell Biology, Wenner-Gren Institute, Stockholm
Research assistant Research topic: The role of the SWI/SNF chromatin remodelling complex in alternative splicing, under supervision of Prof. Dr. Östlund Farrants.
- 2010-2011 Nuclear Organisation Group, SILS, University of Amsterdam
MSc. Student Thesis: *The role of cohesin in chromatin folding in the human interphase nucleus*, under supervision of Dr. Tark-Dame and Dr. van Driel.
- 2009-2010 Department of Medical Biochemistry, AMC, University of Amsterdam
MSc. Student Thesis: *Role of programmed necrosis and glycosphingolipids in the development of insulin resistance*, under supervision of Prof. Dr. Verhoeven.
- 2009 Department of Pathology, AMC, University of Amsterdam
BSc. Student Thesis: *Concordance of HER2 status between primary breast cancer and corresponding distant metastases using IHC and CISH*, under supervision of Prof. Dr. van de Vijver.

Teaching & Volunteering Experience

- 2017 Project Access
Mentor/support Since March 2017 I am involved in Project Access where I've signed up as a mentor to advise (prospective) students on their university applications to top-ranking universities. I am also involved in supporting the running of the local organisation.
- 2014-2015 Cambridge University Nanotechnology Society
Committee member I had several responsibilities including designing and maintaining the website, photographing our events and updating social media.
- 2013-2014 Cambridge University Astronomical Society
Webmaster I maintained our website, designed several promotional materials, photographed our events and edited/designed our printed newsletter (Neptune).
- 2011-2012 Stockholm Student Union
English tutor I helped students with academic writing and general conversation skills.

2010 Department of Anatomy and Embryology, AMC, Amsterdam
Teaching assistant teaching early embryology to undergraduate students under supervision of Roeland Kleipool.

Specialised Courses

2013 FEBS-EMBO advanced lecture course: Biomembranes; molecular architecture, dynamics and function, Cargèse, Corsica, FR. [Poster presentation](#)
2011 Postgraduate course 'The 3' end of the gene', Stockholm University, Stockholm, SE.

Oral and Poster Presentations & Conferences

- BBS symposium 'Protein-protein interactions, self-assembly and aggregation', Dec. 15, London, UK.
- Annual 'Centre for Protein Misfolding Diseases' meeting, Nov. 9-11, 2015, Cambridge, UK. [Short talk](#)
- EBSA2015, July 18-22 2015, Dresden, DE. [Short talk + Poster presentation](#)
- Annual 'Centre for Protein Misfolding Diseases' meeting, Nov. 3-4, 2014, Cambridge, UK. [Short talk](#)
- Protein Structure, Protein Evolution, June 2-3 2014, Stockholm, SE.
- Biophysics of Amyloids and Prions, May 25-26 2014, Naples, IT. [Poster presentation](#)
- Annual 'Centre for Protein Misfolding Disease' meeting, Nov. 4-5 2013, Cambridge, UK. [Short talk](#)
- FOM Molecular and Cellular Biophysics, Sept. 30-Oct. 1 2013, Veldhoven, NL.
- Physics of Living Matter 8, Sept. 19-20 2013, Cambridge, UK.
- I held a lunch-time seminar at Darwin College in 2013, Cambridge, UK.
- Protein misfolding in disease: molecular processes and translational research toward therapy, April 13-17 2013, Roscoff, FR. [Poster presentation](#)
- Oxford Symposium on Rare Diseases: 2013. Protein Misfolding and Aggregation, Jan. 31 – Feb. 1 2013, Oxford, UK.
- Molecular Chaperone Club Meeting, Dec. 17 2012, Cambridge, UK.
- Annual Dobson Group meeting, Nov. 5-6 2012, Cambridge, UK.
- B-cell day at Karolinska Institute, June 19 2012, Stockholm, SE.
- Prion 2012, May 9-12 2012, Amsterdam, NL.
- PhD day Schools of Biology, Dec. 20 2011, Stockholm University, SE.
- FOM Molecular and Cellular Biophysics, Oct. 3-4 2011, Veldhoven, NL.
- Wenner-Gren Institute Day, Sept. 15 2011, Stockholm, SE.
- 'Actin and actin-associated proteins, from genes to polysomes', Sept. 7-10 2011, Stockholm, SE.
- Swammerdam Institute for Life Sciences research day, June 10 2011, Amsterdam, NL.
- Dutch Royal Academy of Sciences biophysics meetings, several in 2010-2011, NL.
- Second 'Physics of the Genome' meeting, Feb. 3 2011, Delft, NL.
- Dutch chromatin meeting Chromo8, Oct. 26 2010, Leiden, NL.
- FOM Molecular and Cellular Biophysics, Oct.4-5 2010, Veldhoven, NL. [Poster presentation](#)

Awards

- Darwin College conference grant for EBSA2015 (£ 150), 2015.
- EBSA congres bursary for EBSA2015 (€ 400), 2015.
- Boehringer Ingelheim Stiftung conference grant for FEBS-EMBO advanced lecture course: Biomembranes; molecular architecture, dynamics and function (€ 400), 2013.

Publication

Tark-Dame M, Jerabek H, Manders EMM, **van der Wateren IM**, Heermann DW, van Driel R (2014) Depletion of the Chromatin Looping Proteins CTCF and Cohesin Causes Chromatin Compaction: Insight into Chromatin Folding by Polymer Modelling. PLoS Comput Biol 10(10):e1003877. doi:10.1371/journal.pcbi.1003877

Work Experience

- 2017- present Cambridge Farmers' Outlet, Cambridge, United Kingdom
I assist in running an online business selling flower bulbs and live plants managing sales on Amazon and ebay, keeping track of our inventory, finding suppliers, assisting with purchasing stocks and instructing staff.
- 2006 Leenart & Heemskerk, Utrecht, the Netherlands
Summer job in customer service handling in-bound and out-bound calls for a cable- and internet provider and a medical billing service.
- 2003-2004 Italia Boulevard, Almelo, the Netherlands
Evening/weekend job at this ice cream parlour selling ice cream/beverages and serving the terrace. I was also responsible for cleaning the kitchen and terrace.
- 2003 Hong Hua, Almelo, the Netherlands
Evening/weekend job handling phone orders at this Chinese restaurant.

HOBBIES

In my spare time, I enjoy creative/artistic pursuits such as illustration, painting, sculpting, costume design and photography. I like to go out on my road bicycle to enjoy the scenery around Cambridge. I also enjoy going to the gym, reading and going to the cinema.