

# Alex (I. M.) van der Wateren

e-mail: alexvanderwateren@gmail.com

website: www.alexvanderwateren.com

I am a PhD graduate looking for a role in medical communications in Manchester in order to use my research and writing skills to create engaging and informative content.

## EDUCATION

2012-2016	<b>PhD</b>	Chemistry, University of Cambridge (awarded in 2017)
2009-2011	<b>MSc</b>	Medical Biology, University of Amsterdam (7.4 out of 10)
2006-2009	<b>BSc</b>	BioMedical Sciences, University of Amsterdam (7.2 out of 10)
2005-2006	-	Bachelor programme in Fashion Design at HKU, Utrecht (no degree)

## SKILLS

**Writing:** User documentation (user manual pages, release notes), theses, research papers, abstracts, blogs, web copy, book chapter, PowerPoint presentations, literature review, posters.

**IT:** MS Office (Word, Excel, PowerPoint, SharePoint Designer, Outlook), LaTeX, Dreamweaver, GraphPad Prism, Mendeley, EndNote; some experience with KompoZer, Photoshop, ImageJ, InDesign. Experience with version control (Mercurial via TortoiseHg).

**Languages:** English (fluent), Dutch (native), German (intermediate).

**Design:** Some basic skills in illustration, photography, web design and graphic design.

**Customer service:** Skilled in customer service through several retail/service jobs.

## CAREER in CONTENT CREATION

May 2018 – Sept. 2019	<b>Linguamatics (Cambridge)</b> <b>Technical author</b>	I created and updated user documentation for software products. This included user manuals, release notes, and system requirements. The audience consisted of system administrators and people working in (bio)medical research, chemistry, and health care (research).
Oct. 2017 – Febr. 2018	<b>BioStrata, Histon (Cambridge)</b> <b>Science writer</b>	I created different types of copy for life-science marketing. The audience for most types of copy was scientists with a general interest in a particular field or line of research. I also wrote for BioStrata's own marketing targeting owners of a life-science business or marketers working in the life sciences. Types of content I have worked on are: blogs, a book chapter, educational slide decks, trade-media articles, and web copy.

## CAREER in ACADEMIA

Nov. 2016 – Jan. 2017	<b>Department of Chemistry, University of Cambridge</b> <b>Post-Doctoral Research Assistant</b>	under supervision of Prof. Dobson.
Oct. 2012 – Sept. 2016	<b>Department of Chemistry, University of Cambridge</b> <b>PhD student</b>	under supervision of Prof. Dobson working on molecular origins of Parkinson's Disease (protein misfolding and aggregation).
April 2012 – June 2012	<b>Department of Immunology, Wenner-Gren Institute, Stockholm</b> <b>Research assistant</b>	in immunology working on Fibromyalgia.
Sept. 2011 – March 2012	<b>Department of Cell Biology, Wenner-Gren Institute, Stockholm</b> <b>Research assistant</b>	in cell biology studying the role of a chromatin remodelling complex in alternative splicing.
Sept. 2010 – April 2011	<b>Nuclear Organisation Group, SILS, University of Amsterdam</b> <b>MSc. Student</b>	in cell biology studying the role of two proteins in chromatin organisation.

- Nov. 2009 –  
July 2010 **Department of Medical Biochemistry, AMC, University of Amsterdam**  
**MSc. Student** in biochemistry/cell biology looking at the role of programmed necrosis and glycosphingolipids in the development of insulin resistance.
- May 2009 –  
Aug. 2009 **Department of Pathology, AMC, University of Amsterdam**  
**BSc. Student** studying concordance of HER2 status between primary breast cancer and corresponding distant metastases.

## TEACHING & VOLUNTEERING EXPERIENCE

- July 2018 –  
present **Biomakespace**  
I volunteer for this organisation by creating various types of on-line content such as interviews with members and interns.
- Aug. 2014 –  
June 2015 **Cambridge University Nanotechnology Society**  
**Committee member** designing and maintaining the website, photographing events and updating social media.
- Aug. 2013 –  
June 2014 **Cambridge University Astronomical Society**  
**Webmaster** maintaining the website, designing several promotional materials, photographing events and editing/designing the printed newsletter (Neptune).
- Nov. 2011 –  
April 2012 **Stockholm Student Union**  
**English tutor** I helped students with academic writing and general conversation skills.
- March 2010 **Department of Anatomy and Embryology, AMC, Amsterdam**  
**Teaching assistant** teaching early embryology to undergraduate students combined with a study on student characteristics and test performance.

## PUBLICATIONS

**van der Wateren IM**, Knowles TPJ, Buell AK, Dobson CM, Galvagnion C (2018) C-terminal truncation of  $\alpha$ -synuclein promotes amyloid fibril amplification at physiological pH. *Chem. Sci.* 2018, 9, 5506. doi:10.1039/c8sc01109e

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

## SELECTION of CONFERENCES/SYMPOSIA

- 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](#)
- Protein misfolding in disease, April 13-17 2013, Roscoff, FR. [Poster presentation](#)
- Prion 2012, May 9-12 2012, Amsterdam, NL.
- FOM Molecular and Cellular Biophysics, Oct.4-5 2010, Veldhoven, NL. [Poster presentation](#)

## AWARDS

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

## HOBBIES

In my spare time I enjoy creative/artistic pursuits such as illustration, painting, printing, sculpting, and pottery. I also enjoy writing and try to do this in one way or another by volunteering.