

## Curriculum Vitae. Anton Kamnev

### PERSONAL INFORMATION

<b>Address</b>	12 Heritage Court 44 Fennyland Lane Kenilworth, CV82RS, UK	<b>Phone</b>	+44-782-408-6941
		<b>E-mail</b>	a.kamnev@warwick.ac.uk anton.kamnev@gmail.com
<b>Date of birth</b>	18 <sup>th</sup> September 1985		

### EDUCATION

2008 – 2013	<u>Ph.D in Cell Biology (Dr.Rer.Nat.) in Molecular and Cell Biology</u> Vienna Biocenter PhD program, MFPL, University of Vienna, Austria
2002 – 2007	<u>M.Sc. in Molecular Genetics</u> Department of Natural Sciences, Novosibirsk State University, Russian Federation

### PROFESSIONAL EXPERIENCE

Mar 2013 – Present	<u>Imaging Manager</u> Light Microscopy Core at the Division of Biomedical Cell Biology, Warwick Medical School, University of Warwick, UK <a href="http://www2.warwick.ac.uk/fac/med/research/biomedical/imagefactory/">http://www2.warwick.ac.uk/fac/med/research/biomedical/imagefactory/</a>
Sep 2008 – Dec 2012	<u>PhD student</u> Adviser: Friedrich Propst MFPL, University of Vienna, Vienna, Austria Co-adviser: Michael Kiebler Medical University of Vienna, Vienna, Austria
Sep 2007 – June 2008	<u>Research assistant</u> Adviser: Sergei Kiselev Co-Adviser: Maria Lagarkova Laboratory of Human Cell Stem Research, Institute of Common Genetics, Russian Academy of Sciences, Moscow, Russian Federation
June 2006 – May 2007	<u>Master student</u> Adviser: Suren M. Zakian Co-adviser: Alexander Shevchenko Laboratory of Developmental Epigenetics, Institute of Cell Biology and Genetics, Siberian Branch of Russian Academy of Sciences, Novosibirsk, Russian Federation

### TEACHING EXPERIENCE

Spring & fall terms of 2013	<u>Course organizer &amp; tutor</u> Workshop on Basics of Light Microscopy and Image Processing, University of Warwick
Spring terms of 2010 - 2012	<u>Teaching assistant</u> Practical Course in Methods of Cell Biology, University of Vienna

## SKILLS

### Light microscopy facility management

1. Teaching: training of users to use new equipment, organization of courses and workshops in area of bioimaging and image processing, preparation and delivery of lecture materials.
2. User support: preparation of samples, supervision of imaging process, trouble shooting.
3. Management: development and administration of core web page and booking system, writing of user manuals and guides, design of new microscopy rooms.
4. Purchasing/consulting: market research for new microscopes and related equipment, organization of demo sessions, consulting of PIs in imaging techniques and imaging equipment/software purchasing.
5. Maintenance: quality control and maintenance of core equipment (inc. microscopes and PC workstations).

### Microscopy and Image processing

1. Light microscopy: Immunocytochemistry, live cell wide-field, confocal, TIRF & SIM fluorescent imaging.
2. Image processing: segmentation and tracking, 3&4D rendering, volume analysis and automatization of workflow
3. Software skills: Matlab, Image/Fiji, Excel, IBM SPSS, Bitplane Imaris, PerkinElmer Volocity, AutoQuant, SVI Huygens.

## LANGUAGES SPOKEN

1. English – fluent
2. Russian – native
3. German – beginner

## PUBLICATIONS

4. **Anton Kamnev**, Matthias Muhar, Martina Preinreich, Hermann Ammer, Friedrich Propst. Difficulties in Generating Specific Antibodies for Immunohistochemical Detection of Nitrosylated Tubulins. *PLOS one*, 2013, 8-6:e68168.
5. **Anton Kamnev**, Heike Stroissnigg, Alzbeta Trancikova, Jakob Fuhrmann, Luise Descovich, Fatiha Nothias, Friedrich Propst: Post-translational modification of tubulin and MAP1B by S-nitrosylation of specific cysteine residues; EMBO conference series ‘Microtubules: structure, regulation and functions’, May 23-26, 2012, Heidelberg, Germany.
6. **Anton Kamnev**, Friedrich Propst; In situ detection of tubulin S-nitrosylation; 41st annual meeting of the society for neuroscience ‘Neuroscience 2011’, Nov. 12-16, 2011, Washington DC, USA.
7. **Anton Kamnev**. Mapping of origins of DNA replication within XIC locus of common voles // First international conference of young scientists ‘The problem of molecular and cellular biology’, Russia, Tomsk, 2007.