

# CV

**Jan Kutner, PhD**

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## ACADEMIC QUALIFICATIONS

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**2018 – present** Deputy Manager in The Core Facility for Crystallography and Biophysics (CFCB) at the Biological and Chemical Research Centre, University of Warsaw, established by the project “Core facility for crystallographic and biophysical research to support the development of medicinal products” carried out within the TEAM-TECH Core Facility programme of the Foundation for Polish Science co-financed by the European Union under the European Regional Development Fund, under the supervision of Prof. dr hab. Krzysztof Woźniak (Head).

**2015 – 2018** Post Doc and Lab Manager Structural Biology Group (BCRC UW) headed by dr Maria Gorna.

**2014 – present** Assistant Professor in Biomacromolecular Research Laboratory (LBB BCRC UW) headed by Professor Krzysztof Wozniak (Crystallochemistry Laboratory, Faculty of Chemistry, University of Warsaw).

**2013 – 2015** Research Assistant in Laboratory of Bioinformatics and Systems Biology, Centre of New Technologies (CeNT), University of Warsaw, headed by Dr. Krzysztof Ginalski.

**2012 - 2013** Research Specialist in Laboratory of Bioinformatics and Systems Biology, Centre of New Technologies (CeNT), University of Warsaw.

**2011 - 2012** Research Specialist in Laboratory of Bioinformatics and Systems Biology, Interdisciplinary Centre for Mathematical and Computational Modelling (ICM), University of Warsaw.

**2008 - 2011** Assistant Professor in Laboratory of Bioinformatics and Systems Biology, Interdisciplinary Centre for Mathematical and Computational Modelling (ICM), University of Warsaw.

**2007** Biologist in the Department of Genetics, Institute of Biochemistry and Biophysics (IBB), Polish Academy of Sciences (PAS), Warsaw.

**2002 - 2007** PhD student in the Department of Genetics, Institute of Biochemistry and Biophysics (IBB), Polish Academy of Sciences (PAS), Warsaw.

## EDUCATION

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**2015** **SKILLS Internship** from Foundation for Polish Science for 6 months visit in Professor Wlodek Minor Laboratory in Department of Molecular Physiology and Biological Physics, University of Virginia, Charlottesville, USA.

**2011 – 2015** **Postdoctoral fellow with** Professor Krzysztof Ginalski, TEAM Project, Foundation for Polish Science „Application of systems biology to study important processes in *Saccharomyces cerevisiae*”, Laboratory of Bioinformatics and Systems Biology, Centre of New Technologies (CeNT), University of Warsaw.

- 2007 – 2011** **Postdoctoral fellow** with Professor Krzysztof Ginalski in Prof. Andrzej Dziembowski group, Laboratory of RNA Biology and Functional Genomics, Institute of Biochemistry and Biophysics (IBB) Polish Academy of Sciences, Warsaw, Poland.
- 2007** **PhD in Biochemistry**, supervisor - Prof. Magdalena Boguta, Department of Genetics, Institute of Biochemistry and Biophysics (IBB), Polish Academy of Sciences, Warsaw. „Genetic interactions of *MRF1* encoding yeast mitochondrial release factor”.
- 2002** **MSc in Biotechnology**, supervisor - Prof. Jan Pleniewicz, Faculty of Chemistry, Technical University of Warsaw, Poland. „Semisynthesis of selectively phosphorylated inhibitor 4E-BP1 of initiation of translation”; research carried out at the Department of Biophysics, Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warsaw, Poland; Master's thesis advisor - Dr. Aleksandra Wysłouch-Cieszyńska.

## **RESEARCH PROJECTS**

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- 2015 – 2018** SONATA Project, MSHE „Structure-function studies of RNA-binding proteins with FAST motifs and a RAP domain”, Structural Biology Group, Biomacromolecular Research Laboratory, Biological and Chemical Research Centre, Department of Chemistry, University of Warsaw; researcher.
- 2015 – present** Project “Multifaceted studies of glyoxylate/hydroxypyruvate reductases”, cooperation between Professor Wladek Minor Laboratory in Department of Molecular Physiology and Biological Physics, University of Virginia, Charlottesville, USA and Professor Krzysztof Wozniak Crystallochemistry Laboratory, Faculty of Chemistry, University of Warsaw; project leader.
- 2013** Research and development grant for young scientists (DSM) „Novel RNA methyltransferases in yeast *Saccharomyces cerevisiae*”, 212633/E-343/M/2013, Centre of New Technologies (CeNT), University of Warsaw, grant leader.
- 2009 - 2010** PARP (Polish Agency for Enterprise Development) Grant „Genomes database of biological organisms” POIG.01.04.00-14-036/09-00, researcher and grant manager.
- 2008 - 2012** MSHE Grant „Application of systems biology approach to study methylation in *Saccharomyces cerevisiae*”, N N301 246436, Laboratory of Bioinformatics and Systems Biology, Centre of New Technologies (CeNT), University of Warsaw, grant leader.
- 2008 - 2011** MSHE Grant „Identification and characterization of novel protein domains involved in nucleic acid metabolism in eukaryotes”, N N301 159435, Laboratory of Bioinformatics and Systems Biology, Centre of New Technologies (CeNT), University of Warsaw, researcher
- 2004 - 2006** State Committee for Scientific Research (KBN) Grant „The role of translation termination and prion (PSI) in the regulation of mitochondrial function in *Saccharomyces cerevisiae*”, Institute of Biochemistry and Biophysics (IBB), Polish Academy of Sciences, Warsaw, Poland, researcher.

## PUBLICATIONS

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1. J. Towpik, J. Kutner, M. Boguta „Expression of mitochondrial release factor in relation to respiratory competence in yeast” 2005 *Curr. Genet.* 48,101-108, IF 2.410.
2. J. Kutner „Termination of translation in prokaryotes and eukaryotes” 2007 *Post. Bioch.* 53, 420-430, MNiSW.
3. J. Kutner, J. Towpik, K. Ginalski, M. Boguta „Mitochondrial release factor in yeast: interplay of functional domains” 2008 *Curr. Genet.* 53, 185-92, IF 2.410.
4. T. Włodarski, J. Kutner, J. Towpik, L. Knizewski, L. Rychlewski, A. Kudlicki, M. Rowicka, A. Dziembowski, K. Ginalski „Comprehensive structural and substrate specificity classification of the *Saccharomyces cerevisiae* methyltransferome” 2011 *PLoS One* 6(8):e23168, IF: 3.730.
5. S. Mroczek, J. Krwawicz, J. Kutner, M. Lazniewski, I. Kucinski, K. Ginalski, A. Dziembowski „C16orf57, a gene mutated in poikiloderma with neutropenia, encodes a putative phosphodiesterase responsible for the U6 snRNA 3' end modification.” 2012 *Genes Dev.* 26(17):1911-25, IF: 12.444.
6. T. Szczepinska, J. Kutner, M. Kopczynski, K. Pawłowski, A. Dziembowski, A. Kudlicki, K. Ginalski, M. Rowicka „Probabilistic Approach to Predicting Substrate Specificity of Methyltransferases” *PLoS Comput. Biol.* 2014 10(3):e1003514, IF: 4.867.
7. Kutner, J., Shabalín, I.G., Mason, D., Handing, K.B., Gasiorowska, O.A., Bonanno, J., Seidel, R., Almo, S.C., Minor, W. “Crystal structure of SAM-dependent methyltransferase from *Geobacter sulfurreducens* in complex with S-Adenosyl-L-homocysteine” 2015, protein structure deposition in PDB (5BP7) and manuscript in preparation.
8. LaRowe, C., Shabalín, I.G., Kutner, J., Handing, K.B., Stead, M., Hillerich, B.S., Ahmed, M., Seidel, R., Bonanno, J., Almo, S.C., Minor, W. “Crystal structure of SAM-dependent methyltransferase from *Thiobacillus denitrificans* in complex with S-Adenosyl-L-homocysteine” 2015, protein structure deposition in PDB (5EPE) and manuscript in preparation.
9. Shabalín, I.G., Gasiorowska, O.A., Handing, K.B., Bonanno, J., Kutner, J., Almo, S.C., Minor, W. “Crystal structure of NADP-dependent 2-hydroxyacid dehydrogenase from *Sinorhizobium meliloti* in complex with 2'-phospho-ADP-ribose” 2016. protein structure deposition in PDB (5J23) and during manuscript submission to *Cell Biol. Chem.*
10. Matelska, D., Shabalín, I.G., Kutner, J., Handing, K.B., Gasiorowska, O.A., Cooper, D.R., Minor, W. “Crystal structure of NADPH-dependent 2-hydroxyacid dehydrogenase from *Rhizobium etli* CFN 42 in complex with NADPH and oxalate” 2016. protein structure deposition in PDB (5TSD) and manuscript in preparation.
11. Czub, M.P., Shabalín, I.G., Gasiorowska, O.A., Handing, K.B., Kutner, J., Cymborowski, M.T., Hennig, P.M., Bonanno, J., Almo, S.C., Minor, W. “Crystal structure of D-isomer specific 2-hydroxyacid dehydrogenase from *Desulfovibrio vulgaris*” 2016. protein structure deposition in PDB (5TX7) and manuscript in preparation.

12. Shabalin, I.G., LaRowe, C., Kutner, J., Gasiorowska, O.A., Handing, K.B., Bonanno, J., Almo, S.C., Minor, W. “Crystal structure of NADPH-dependent glyoxylate/hydroxypyruvate reductase SMC02828 (SmGhrA) from *Sinorhizobium meliloti* in apo form” 2017. protein structure deposition in PDB (5UNN) and during manuscript submission to *Cell Biol. Chem.*.
13. Shabalin, I.G., Hou, J., Kutner, J., Grimshaw, S., Christendat, D., Anderson, W.F., Minor, W. “Crystal structure of prephenate dehydrogenase tyrA from *Bacillus anthracis* in complex with NAD and L-tyrosine” 2017. protein structure deposition in PDB (5USC) and manuscript in preparation.
14. Shabalin, I.G., Mason, D.V., Handing, K.B., Kutner, J., Matelska, D., Cooper, D.R., Bonanno, J., Almo, S.C., Minor, W. “Crystal structure of NADPH-dependent glyoxylate/hydroxypyruvate reductase SMC04462 (SmGhrB) from *Sinorhizobium meliloti* in complex with NADPH and oxalate” 2017. protein structure deposition in PDB (5V7G) and during manuscript submission to *Cell Biol. Chem.*.
15. Shabalin, I.G., Handing, K.B., Miks, C.D., Kutner, J., Matelska, D., Bonanno, J., Almo, S.C., Minor, W., New York Structural Genomics Research Consortium “Crystal structure of NADPH-dependent glyoxylate/hydroxypyruvate reductase SMC04462 (SmGhrB) from *Sinorhizobium meliloti* in complex with NADP and 2-Keto-D-gluconic acid” 2017. protein structure deposition in PDB (5V7N) and during manuscript submission to *Cell Biol. Chem.*.
16. Lipowska, J., Shabalin, I.G., Kutner, J., Gasiorowska, O.A., Almo, S.C., Minor, W. “Crystal structure of D-isomer specific 2-hydroxyacid dehydrogenase from *Xanthobacter autotrophicus* Py2 in complex with NADPH and MES.” 2017. protein structure deposition in PDB (5VG6) and manuscript in preparation.
17. J. Kutner, A. Dziembowski, M. Rowicka, K. Ginalski „Yeast YIL096C binds and methylates *Saccharomyces cerevisiae* 25S rRNA” 2017, in preparation.
18. K. Kuchta, J. Towpik A Biernacka, J. Kutner, A. Kudlicki, K. Ginalski, M. Rowicka "Predicting proteome dynamics" 2016 submitted to *Molecular and Cellular Proteomics*.
19. J. Kutner, O. I. G. Shabalin, D. Matelska, K.B. Handing, O. A. Gasiorowska, P. Sroka, , M. W. Gorna, K. Ginalski, K. Wozniak, W. Minor „Multifaceted studies of glyoxylate/hydroxypyruvate reductases indicate their division into two distant subfamilies with similar substrate promiscuity” 2017, during submission to *Cell Biol. Chem.*.

## **CONTRIBUTIONS TO RESEARCH PROJECTS**

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- 2016 – present** Project “Lipidic Cubic Phase crystallization of Fructose Dehydrogenase from *Gluconobacter sp.*” cooperation with Professor Renata Bilewicz, Faculty of Chemistry, University of Warsaw, project leader.
- 2014 – 2015** Analysis of yeast RNA methylation, cooperation with Dr. Krzysztof Skowronek, Laboratory of Bioinformatics and Protein Engineering, Head Prof. Janusz Bujnicki, The International Institute of Molecular and Cell Biology, Warsaw, Poland.
- 2012 – 2015** MSHE grant: „Genetic and biochemical function analysis of the chromatin remodeling complex of SWI/SNF in the regulation of the expression of gibberellin-dependent genes”, cooperation with

the Dr. Rafal Archacki, UMO-2011/01/D/NZ1/01614, Laboratory of Prof. A. Jerzmanowski, Institute of Biochemistry and Biophysics (IBB) of the Polish Academy of Sciences, Warsaw, Poland.

- 2010 – 2015** „Cell cycle protein kinetics in the in *Saccharomyces cerevisiae*”, cooperation with Dr. Maga Rowicka, Department of Biochemistry and Molecular Biology, Institute for Translational Sciences, and Sealy Center for Molecular Medicine, University of Texas Medical Branch, Galveston, USA.
- 2010 – 2015** MSHE grant: “Identification of chromatin function of DELLA proteins“, cooperation with Dr. Daniel Buszewicz, Laboratory of Prof. A. Jerzmanowski, Institute of Biochemistry and Biophysics (IBB) Polish Academy of Sciences, Warsaw, Poland.
- 2012 – 2014** Analysis of methylation of yeast proteins, cooperation with Dr. Filip Sucharski, Laboratory of Prof. Jerzy Silberring, Department of Biochemistry and Neurobiology University of Science and Technology (AGH), Krakow, Poland.
- 2008 – 2013** Cooperation in the analysis of yeast protein methylation with Prof. Michal Dadlez group, Laboratory of Mass Spectrometry, Institute of Biochemistry and Biophysics (IBB) Polish Academy of Sciences, Warsaw, Poland.

## **LABORATORY TECHNIQUES**

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- Molecular Biology:** PCR, RT-PCR, cloning, site-directed mutagenesis, transformation, *in vitro* enzymatic activity assays, hybridization Northern/Southern/Western, UV-VIS spectroscopy, fluorescence microscopy, bioinformatics analysis;
- Structural Biology** protein crystallization screening technics, crystallography robotic approaches (Mosquito, TTP, Dragonfly) and automatic plate incubator storage (Minstral HT, Rigaku; Imager1000 Formulatrix), solving protein structures using HKL 3000 packages and refinement in crystallographic tools software (Coot, MolProbity and PDB validation tools) and model analysis, collecting diffracting data on synchrotron beam line and in home used diffractometers.
- Microbiology:** Growth of yeast *S. cerevisiae* on solid and liquid media, deletions and insertions within the genome, plasmid and the antibiotic resistance cassette transformation, mutagenesis; culture of *E. coli* bacteria on solid and liquid media, plasmid transformation;
- Proteomics:** Western blot analysis, SDS-PAGE electrophoresis (including 2D), isolation of proteins, overexpression of proteins in prokaryotic and eukaryotic expression system, preparative purification of proteins (FPLC), affinity chromatography, ion-exchange chromatography, gel filtration, circular dichroism, mass spectroscopy data analysis, enzyme analysis with a radioactive labeled substrate, scintillation measurements;
- Genomics:** Isolation of chromosomal, mitochondrial and plasmid DNA, library construction and cDNA sequencing using Illumina HiSeq and MiSeq platform;

**Chemistry:** HPLC-MS, NMR, peptide synthesis on a solid phase, preparative thin layer and column chromatography, organic synthesis of biologically active compounds, radioactive labeling of nucleotides;

#### **AWARDS AND FELLOWSHIPS**

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- 2015** SKILLS Internship Scholarship from Foundation for Polish Science for 6 months internship in Professor Wladek Minor Laboratory in Department of Molecular Physiology and Biological Physics, University of Virginia, Charlottesville, USA.
- 2013** Polish Biochemical Society Award in the honor of J.K. Parnas, "The best experimental work in biochemistry or molecular biology made entirely in the Polish laboratory".
- 2013** Polish Biochemical Society Award in the honor of J.K. Parnas for "The best experimental or theoretical work in chemistry and biochemistry of nucleic acids, performed mainly in the Polish laboratory".
- 2010 – 2015** Postdoctoral fellowship, TEAM, Foundation for Polish Science „Application of systems biology to study important processes in *Saccharomyces cerevisiae*", Laboratory of Bioinformatics and Systems Biology, Centre of New Technologies (CeNT), University of Warsaw.
- 2007 – 2012** FOCUS Scholarship, Foundation for Polish Science, Interdisciplinary Centre for Mathematical and Computational Modelling (ICM), University of Warsaw, Poland.
- 2007** Ministry of Science and Higher Education Award for the best team in the category „Demonstration at the Festival of Science” for Scientific Happening Night Investigator.
- 2004, 2006** Two mini grants, School of Molecular Biology and PhD Studies, Institute of Biochemistry and Biophysics (IBB), Polish Academy of Sciences, Warsaw, Poland.

#### **TEACHING AND WORKSHOPS**

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- 2017** Member of abstract commission at The Intercollegiate Biotechnology Symposium (IBS) "Symbioza" created by three Warsaw Universities to gather biotechnologists from Poland and beyond.
- 2015 – present** Preparing experimental classes for undergraduate students from Department of Chemistry, University of Warsaw, on protein crystallization, diffraction and data collection on home X-Ray sources.
- 2005 – 2007** Leading experimental classes for undergraduate students in molecular biology, Faculty of Chemistry, Technical University of Warsaw, Poland.
- 2005 - 2006** Demonstrations "Molecular analysis of the gene", Festival of Science, Institute of Biochemistry and Biophysics (IBB), Polish Academy of Sciences, Warsaw, Poland.
- Supervision for several undergraduate and graduate students from the Technical University of Warsaw, University of Warsaw in molecular biology and at the University of Virginia (Charlottesville, USA) in structural biology.

#### **CONFERENCE PRESENTATIONS (only in long version)**

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- 2017 Sept.** 42<sup>nd</sup> FEBS Congress J. Kutner , M. Merski , A. Jurska , M. Kuska , M. Górna "Structure and function studies of RNA-binding proteins with FAST motifs and a RAP domain", Jerusalem, Israel

- 2017 March** EMBO Workshop on Computational and Structural Biology oral presentation J. Kutner , M. Merski , A. Jurska , M. Górna "Structure and function studies of RNA-binding proteins with FAST motifs and a RAP domain", Serock, Poland
- 2016 Sept.** BIO2016 Jan Kutner, Matthew Merski, Aleksandra Jurska, Maria W. Gorna "Structure and function studies of RNA-binding proteins with FAST motifs and a RAP domain", Wrocław, Poland
- 2016 July** ICCBM16 Jan Kutner, Matthew Merski, Aleksandra Jurska, Maria Górna "Structure and function studies of RNA-binding proteins with FAST motifs and a RAP domain" Prague, Czech Republic
- 2016 June** 7th European Charge Density Meeting (ECDM7) Matthew Merski, Jan Kutner, Jakub Skrzeczkowski, Maria Gorna "Structure-function studies of organellar proteins with FAST and RAP domains" CeNT UW, Warsaw, Poland
- 2016 May** MKNOL 2016 oral presentation Jan Kutner, Ivan Shabalin, Dorota Matelska, Katarzyna Handing, Olga Gasiorowska, Piotr Sroka, Krzysztof Ginalski, Wladek Minor And Krzysztof Wozniak, 15-19.05.2016, , Korytnica, "Glyoxylate reductase as versatile enzymatic system for pharmaceutical and medical use"
- 2015 June** 47th Macromolecular Mid-Atlantic Crystallography Meeting at University of Maryland in Baltimore, MD, United States
- Sept. 2014** „The EMBO Meeting 2013”, Paris, France poster: T. Szczepin, J. Kutner, M. Kopczynski, K. Pawłowski, A. Kudlicki, A. Dziembowski, K. Ginalski, M. Rowicka „New protein methyltransferases in yeast *Saccharomyces cerevisiae*“.
- July 2014** „22nd Annual International Conference ISMB”, Boston, USA, poster: T. Szczepinska, J. Kutner, M. Kopczynski, K. Pawłowski, A. Dziembowski, A. Kudlicki, K. Ginalski, M. Rowicka "Probabilistic Approach to Predicting Substrate Specificity of Enzymes".
- Sept. 2013** „The EMBO Meeting 2013”, Amsterdam, Netherlands, poster: T. Szczepin, J. Kutner, M. Kopczynski, K. Pawłowski, A. Dziembowski, A. Kudlicki, K. Ginalski, M. Rowicka „New protein methyltransferases in yeast *Saccharomyces cerevisiae*“.
- July 2012** „20th Annual International Conference ISMB”, Long Beach, CA, USA, poster: T. Szczepinska, J. Kutner, M. Kopczynski, K. Pawłowski, A. Dziembowski, A. Kudlicki, K. Ginalski, M. Rowicka „A probabilistic approach to predict substrate specificity of methyltransferases”.
- Sept. 2012** „The EMBO Meeting 2012” Nice, France, poster: T. Włodarski, J. Kutner, J. Towpik, L. Knizewski, L. Rychlewski, A. Kudlicki, M. Rowicka, A. Dziembowski, K. Ginalski „Comprehensive structural and substrate specificity classification of the *Saccharomyces cerevisiae* methyltransferase”.
- Sept. 2010** „The EMBO Meeting 2010” Barcelona, Spain, poster: J. Krwawicz, J. Kutner, S. Mroczek, A. Dziembowski, K. Ginalski „Identification of potential phosphodiesterase essential for U6 snRNA stability in *Saccharomyces cerevisiae*“.
- Sept. 2010** EURASNET Interdisciplinary Focus Meeting, „Frontiers in Structural Biology of RNAs and RNPs”, Poznan, Poland, poster: J. Krwawicz, J. Kutner, S. Mroczek, A. Dziembowski, K.

Ginalski „Identification of potential phosphodiesterase essential for U6 snRNA stability in *Saccharomyces cerevisiae*“.

- Sept. 2009** „The EMBO Meeting 2009” Amsterdam, Netherlands, poster: J. Krwawicz, J. Kutner, A. Dziembowski, K. Ginalski „Identification of potential phosphodiesterase essential for U6 snRNA stability“.
- May 2009** „Bioinformatics in Torun” Torun, Poland oral presentation: „Identification and comprehensive classification of *Saccharomyces cerevisiae* methyltransferome”.
- Jan. 2008** EMBO Workshop „Directed Evolution Approaches in Structural Biology“, EMBL, Grenoble, France, poster: J. Kutner, A. Dziembowski, K. Ginalski „Identification of novel functional domains in yeast proteome“.
- Nov. 2008** „4th EMBO Conference: From Functional Genomics to Systems Biology“ EMBL Heidelberg, Germany, poster and oral presentation: J. Kutner, J. Krwawicz, A. Dziembowski, K. Ginalski „Novel methyltransferases in yeast“.
- Sept. 2006** 41 Conference of the Polish Biochemical Society, Białystok, Poland, oral presentation and poster: J. Kutner, M. Boguta „Factors involved in mitochondrial translation termination in yeast *Saccharomyces cerevisiae*”.
- August 2005** “XXII<sup>nd</sup> International Conference on Yeast Genetics and molecular biology”, Bratislava, Slovakia, poster: J. Towpik, J. Kutner, M. Boguta „Expression of *MRF1* in relation to respiration competence in yeast”.
- Sept. 2004** XV Congress of the Polish Society of Genetics, Gdańsk, Poland, poster: J. Kutner, M. Boguta „Mitoribosomal proteins involved in mitochondrial translation termination in yeast *Saccharomyces cerevisiae*”.

#### **OTHER RESEARCH ACTIVITIES**

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- 2017** Member of abstract commission at The Intercollegiate Biotechnology Symposium (IBS) “Symbioza” created by three Warsaw Universities to gather biotechnologists from Poland and beyond.
- 2014 - 2016** Design, completion of laboratory and office space, employees and students training for a new Biomacromolecular Research Laboratory (LBB) headed by Professor Krzysztof Wozniak (Crystallochemistry Laboratory, Faculty of Chemistry, University of Warsaw) in second stage of the Biological and Chemical Research Centre (BCRC UW).
- 2007 - 2010** Design and completion of experimental Laboratory of Bioinformatics and Systems Biology, ICM, University of Warsaw (financing from: FOCUS program (FNP) and CEPT).
- 2006** Co-organizer of the “Researchers Night” organized by the European Commission, Institute of Biochemistry and Biophysics (IBB), Polish Academy of Sciences, Warsaw.
- 2005 - 2006** Experimental sessions in molecular biology at the Festival of Science, Institute of Biochemistry and Biophysics (IBB), Polish Academy of Sciences, Warsaw.

#### **PERSONAL DATA**

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**E-mail:** [jkutner@chem.uw.edu.pl](mailto:jkutner@chem.uw.edu.pl)



**Languages:** English (fluent spoken and written)  
**Computer:** Clone, Bioinformatics and structure refinement applications, Reference Manager, End Note, Adobe Photoshop, Adobe Writer, Adobe Illustrator, Corel Draw, HTML+CSS  
**Extra-curricular activities:** photography ([www.instagram.com/6x6analog](http://www.instagram.com/6x6analog)), copywriting ([www.sloshe.com](http://www.sloshe.com)), mountain biking, movies, SF literature, stand-up (performing in Polish)

## REFERENCES

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1. Prof. Wlodek Minor  
Professor of Molecular Physiology and Biological Physics  
Department of Molecular Physiology and Biological Physics  
University of Virginia  
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3. Dr Maria Gorna  
PhD in Biochemistry  
Structural Biology Group  
Biomacromolecular Research Laboratory  
Biological and Chemical Research Centre  
Department of Chemistry  
University of Warsaw  
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4. Prof. Krzysztof Ginalski  
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