

Yulia A Matskevich, PhD, MBA
International Collaborations Manager for the
Edinburgh Centre for Bioinformatics,
Scotland, UK

Nationality: British/Russian (dual citizenship)

Edinburgh Centre for Bioinformatics, Darwin Bld Level 2, King's Buildings, Mayfield Rd, EH9 3JL

Tel: +44(0)131 6517083 (office), +44(0)7799580707 (mobile)

Email imatskev@inf.ed.ac.uk

- **Accomplished Biomedical researcher (PhD in Biology) with broad expertise across several fields of Life Science in international context**
- **Expert in management and administration in University environment, including managing multi-stakeholders multi-national projects**
- **Business management education (MBA degree), with specialization in marketing and knowledge transfer**

Employment history

The University of Edinburgh, School of Informatics, 2006 - present
International Collaborations Manager for the Edinburgh Centre for Bioinformatics (ECB)

- Seeking new funding sources for the ECB, including industrial sponsorship (GSK, AstraZeneca, IBM, Entelos and other pharmaceutical and biotech companies) and EU funding
- Supporting the ECB staff in the preparation of research proposals to BBSRC, EPSRC, FP7 and other funding bodies
- Coordinating of the development of collaborative/support links with the research groups within the University of Edinburgh, with external research groups and consortiums and with UK public bodies such as Scottish Enterprise, Scottish Development International and British Council
- Coordinating the preparation of ECB reports for SFC, EPSRC and other funding bodies
- Marketing the ECB research strengths and capabilities for external clients, including the development and update of the ECB website
- Meetings and workshops organisation – see the recent list below
 - FEBS 2007 Congress Satellite Workshop: Biosimulations for Pharma Industry (July 2007, Vienna, Austria)

http://www.bioinformatics.ed.ac.uk/events/FEBS2007_biosimulations.shtml

- Edinburgh-Riken Workshop "International Systems Biology: Progress and Issues" (Sep 2007, Edinburgh, UK)
<http://wwwtest.bioinformatics.ed.ac.uk/twiki/bin/view.pl/EdinburghRiken/WebHome>
- „Frontiers in Application of Systems Modeling and Simulation“ Satellite workshop for The 8th International Conference on Systems Biology (October 2007, Long Beach, USA)
<http://www.bioinformatics.ed.ac.uk/sigsim/index.html>

The University of Edinburgh, College of Science and Engineering 2006

Assistant Research Strategy Officer, College Office

- Marketing of the School research expertise and facilities to external clients and acting as first point of contact for potential industrial and other research partners
- Evaluation and re-development of the College Research Website content, based on consultations with Schools across College of Science & Engineering
- Support for the College's academic staff in the preparation of proposals to/consultations with funding bodies (SFC, EPSRC, Leverhulme Trust) in collaboration with other support services
- Organisation of public events such as Women in Engineering Event
- Drafting of job descriptions for new posts in the College Office
- Analysis of the minor volume indicators across the College for RAE 2008

The University of Edinburgh, CMCM, School of Biomedical Sciences

1999-2006

Postdoctoral Research Fellow

Project titles:

“Role of different alleles of Apolipoprotein E gene in Alzheimer disease”

“Molecular characterization and regulation of erythrocyte isoform of Na,K,Cl cotransporter”

“Imaging of exocytosis in living cells, transfected with green fluorescent protein”

- Management of research projects, including planning and coordination of resources and training and supervision of Honors and Summer students and technical staff
- Initiation of and participation in collaborative research projects across The University of Edinburgh and with research group in Germany (Physiological Institute, University of Tübingen).
- Organisation of the International workshop on Membrane Transport in St-Petersburg (2004), sponsored by the Physiological Society (UK)

Physiological Institute, University of Tuebingen, German

1997-1999

Invited Scientist and EMBO and DAAD fellow

Project title: “Characterization of functional properties of osmolyte transporters, expressed in *Xenopus laevis* oocytes”

- Regular publishing and presentations at home and international meetings
- Initiation of and participation in collaborative research projects with research groups in Russia and Germany
- Successful application for funding for the collaborative projects and my own research from international sponsoring organisations, including EMBO, DAAD and the DFG (Germany)

Sechenov Research Institute, StPetersburg, Russia *1994-1997*

Postdoctoral Research Fellow

Project title "Diversity of functional characteristics of sodium pump in different mammalian species"

- Project management, including training and supervision of PhD students and technical staff
- Winner of a Young Russian Scientist competition, sponsored by the Physiological Society (UK)
- Co-organizer of the Russian German Congress of Nephrologists (StPetersburg, 1996)

Education

University of Edinburgh, Management School (part-time) *2003-2006*

Master of Business Administration

- Broad business management education with specialization in management of R&D and product innovation, entrepreneurship , project management and marketing
- Dissertation "Emerging opportunities for commercially-purposeful model of consultancy in the Life Science sector"

Sechenov Research Institute, StPetersburg, Russia *1990-1994*

PhD student, PhD in Biochemistry (1994)

StPetersburg State University, Biological Faculty

1980-1986

Ms in Biochemistry (Diploma with distinction)

Additional qualifications and memberships

- Languages: English, Russian and German (fluent), colloquial French
- Member of Physiological Society (UK) and Edinburgh Entrepreneurship Club
- Professional knowledge of MS Office package, Internet-based search engines and web design (Dreamweaver)

Appendix. List of selected publications of Dr Yulia Matskevich

Full papers

1. B. Friedrich, I. Matskevich, F. Lang Cell Volume Regulatory Mechanisms (2007) *Contrib. Nephrol.*
2. I. Matskevich, K.L. Hegney and P.W. Flatman Regulation of erythrocyte Na-K-2Cl cotransport by threonine phosphorylation (2005), *Biochim. Biophys. Acta*, 1714:25-34.
3. R.R. Duncan, J. Greaves, U.K. Wiegand, I. Matskevich, G. Bodammer, D.K. Apps, M.J. Shipston, R.H. Chow Functional and spatial segregation of secretory vesicle pools according to vesicle age (2003) *Nature*, 422:176-180.
4. U.K. Wiegand, A. Don-Wauchope, I. Matskevich, R.R. Duncan, J. Greaves, M.J. Shipston, D.K. Apps, R.H. Chow Exocytosis studies in chromaffin cell-free system: imaging of single vesicle exocytosis in a chromaffin cell-free system using total internal reflection fluorescence microscopy (2002) *Ann. N Y Acad Sci*, 971 :257-261.
5. Fillon S, Warntges S, Matskevitch J, Moschen I, Setiawan I, Gamper N, Feng X, Stegen C, Friedrich B, Waldegger S, Broer S, Wagner C A, Huber S M, Klingel K, Vereninov A, Lang F. Serum- and glucocorticoid-dependent kinase, cell volume, and the regulation of epithelial transport. (2001) *Comp Biochem Physiol A Mol Integr Physiol*.367-376.
6. Vereninov AA, Vassilieva IO, Yurinskaya VE, Matveev VV, Glushankova LN, Lang F, Matskevitch JA. Differential transcription of ion transporters, NHE1, ATP1B1, NKCC1 in human peripheral blood lymphocytes activated to proliferation. (2001) *Cell Physiol Biochem*.11:19-26.
7. Matskevitch I, Stegen C, Wagner CA, Moschen I, Bindels R, Van Os C, Broer S, Lang F. Acute regulation of the betaine/GABA transporter BGT-1 expressed in *Xenopus* oocytes by extracellular pH. (2000) *Kidney Blood Press Res*. 23:356-359.
8. Stegen C, Matskevich I, Wagner CA, Paulmichl M, Lang F, Broer S. Swelling-induced taurine release without chloride channel activity in *Xenopus laevis* oocytes expressing anion channels and transporters. (2000) *Biochim Biophys Acta*, 1467:91-100.
9. Matskevitch I, Wagner CA, Stegen C, Broer S, Noll B, Risler T, Kwon HM, Handler JS, Waldegger S, Busch AE, Lang F. Functional characterization of the Betaine/gamma-aminobutyric acid transporter BGT-1 expressed in *Xenopus* oocytes. (1999) *J Biol. Chem*. 274:16709-16716.
10. Matskevitch J, Wagner CA, Risler T, Kwon HM, Handler JS, Waldegger S, Busch AE, Lang F. Effect of extracellular pH on the myo-inositol transporter SMIT expressed in *Xenopus* oocytes. *Pflugers Arch* (1998) 436(6): 854-57.
11. Waldegger S, Matskevitch J, Busch GL, Lang F. Introduction to cell volume regulatory mechanisms. (1998) *Contrib. Nephrol*. 123:1-7

12. Matskevitch I., Wagner C.A., Noll B., Busch A.E., Kwon H., Handler J., Risler T., Lang F. Electrophysiological properties of the osmolyte transporters NBGT and SMIT expressed in *Xenopus* oocytes. (1998) *Nova Acta Leopoldina* , 306, 317-321.
13. Lang F., Waldegger S., Murer H., Foster I., Koepsell H., Palacin M., Broer S., Capasso G., Matskevitch I., Wagner C.A., Busch A.E. Electrophysiology of proximal renal transporters. (1998) *Nova Acta Leopoldina* , 306, 73-78.
14. Katyukhin LN, Kazennov AM, Maslova MN, Matskevich YuA. Rheologic properties of mammalian erythrocytes: relationship to transport ATPases. (1998) *Comp Biochem. Physiol. B Biochem. Mol. Biol.* 120(3):493-508.
15. Kazennov A.M., Maslova M.N., Matskevitch Iu.A., Rustamov F.A., Schalobodov A.D. Species variability of erythrocyte transport ATPases in mammals. (1998) *Comp Biochem Physiol B Biochem Mol Biol.* 119(B):169-175.
16. Ivanova L.I., Katyukhin L.N., Matskevitch Iu.A., Petrova V.S., The influence of the polypeptide preparation from the vessels on the viscosity characteristics of the rabbit erythrocytes under hypercholesterolemia. (1995) *Fiziol.Zh.*, 81: 70-76 [Article in Russian]
17. Matskevich IuA., Kazennov AM [The effect of hemolysate and calcium ions on transport ATPase activity in guinea pig erythrocytes] (1994) *Zh. Evol. Biokhim. Fiziol.* 30:738-745 [Article in Russian]
18. Matskevich IuA., Kazennov AM, Shalobodov AD. [A comparative study of the intracellular regulation of transport ATPase activity in non-nucleated erythrocytes][Article in Russian] (1994) *Zh Evol Biokhim Fizio.* 30:690-697.
19. Matskevich IuA., Kazennov AM, Maslova MN. [The activity of transport ATPases and the characteristics of the protein-lipid composition of the membranes of anuclear erythrocytes in a number of mammals [Article in Russian] (1994) *Zh Evol Biokhim Fiziol.* 30:497-504.