

# Matthew Yedutenko

## Curriculum Vitae

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### Education

- 2016–present **PhD student**  
The Graduate School Neurosciences Amsterdam Rotterdam
- 2014–2016 **MSc, GPA 5.00/5.00, *summa cum laude***  
**Molecular Physiology and Biophysics**  
Moscow Institute of Physics and Technology(State University)  
Department of Biological and Medical Physics

### Experience

- 2016–present **Scientific assistant**  
KNAW Netherlands Institute for Neuroscience, Amsterdam  
Retina Signal Processing Lab  
Research topics: synaptic transmission, photoreceptors, horizontal cells, bipolar cells
- 2014–2016 **Research assistant**  
NASU Bogomoletz Institute of Physiology, Kyiv  
Molecular Biophysics Laboratory  
Research topics: hippocalcin, calcium-binding proteins, neuronal calcium sensor family, phosphoinositides

### Skills

- **Technical skills:** cell line culture, transient transfection technique, fluorescent microscopy, patch clamp, uncaging
- **Computer skills:** Origin, LaTeX, Matlab
- **Languages:** Ukrainian (native), Russian (native), English (advanced)
- **Social skills:** Student Body Representative(2014-2016)

### Publications and Conference Proceedings

**M.Yedutenko**, E.Grushevsky, V.P. Cherkas, A.V. Dovgan', N.I. Kononenko, T.M. Tsugorka, P.V. Belan. "Measurement of intracellular concentrations of fluorescently-labeled targets in living cells" *Acta Physiologica* 215, Issue Supplement S 705, 5(2015), conference proceeding

**M.Yedutenko**, E.Grushevsky, V.P. Cherkas, A.V. Dovgan', N.I. Kononenko, T.M. Tsugorka, P.V. Belan. "New methods of detection intracellular concentrations of fluorescently-labeled targets in living cells" *Fiziol. Zh.* 61, 124(2015), conference proceeding

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## Schools and Conferences

- August, 2015 Joint Meeting of the Federation of European Physiological Societies and the Baltic Physiological Societies, Kaunas  
**M.Yedutenko**, E.Grushevsky, V.P. Cherkas, A.V. Dovgan', N.I. Kononenko, T.M. Tsugorka, P.V. Belan "Measurement of intracellular concentrations of fluorescently-labeled targets in living cells", oral presentation
- August, 2015 Joint Meeting of the Federation of European Physiological Societies and the Baltic Physiological Societies, Kaunas  
**M.Yedutenko**, E.Grushevsky, V.P. Cherkas, A.V. Dovgan', N.I. Kononenko, T.M. Tsugorka, P.V. Belan "Measurement of intracellular concentrations of fluorescently-labeled targets in living cells", oral presentation
- May, 2015 6th Meeting of Ukrainian Biophysical Society, Lutsk-Svityaz'  
**M.Yedutenko**, E.Grushevsky, V.P. Cherkas, A.V. Dovgan', N.I. Kononenko, T.M. Tsugorka, P.V. Belan "Measurement of intracellular concentrations of fluorescently-labeled targets in living cells: new methods", oral presentation
- May, 2015 19th International Congress of Ukrainian Physiological Society, Lviv  
**M.Yedutenko**, E.Grushevsky, V.P. Cherkas, A.V. Dovgan', N.I. Kononenko, T.M. Tsugorka, P.V. Belan "New methods of detection intracellular concentrations of fluorescently-labeled targets in living cells", oral presentation
- April, 2015 Spring School "Biophysical Methods of Research", Kyiv
- April, 2013 Spring School "Biophysical Methods of Research", Kyiv

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## Grants and Awards

- FEPS travel award, Kaunas, August, 2015
- Best young scientist report, 6th Meeting of Ukrainian Biophysical Society, Lutsk-Svityaz', May, 2015
- Best young scientist report, 19th International Congress of Ukrainian Physiological Society, Lviv, May, 2015

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## References

Available upon request