

Anton Suvorov

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 Russian citizen

Education

- 2013-2018**
(expected) Brigham Young University, Provo, UT
 PhD candidate
- 2004-2009** Lomonosov Moscow State University,
 Diploma in Zoology (five year program)
 With Honors (equivalent to MSc First-Class Honors / Distinction)
 Faculty of Biology, Department of Entomology, Russia.

Moscow State University is the top-ranked university in Russia for the sciences

Research Experience

- 2011-2013** Research in the Institute of Population Genetics
 Advisors: Dr. Christian Schlötterer and Dr. Andreas Futschik
 Project: Cis and trans regulation as plastic traits in a fruit fly
 POPGEN Vienna based in Vetmed Uni, University of Vienna,
 the Max F. Perutz Laboratories and the Gregor Mendel Institute
- 2005-2011** Research in the Laboratory of Animal Genetics
 Advisor: Prof. Ilya Zakharov
 Vavilov Institute of General Genetics RAS
- 2009** Internship in the Host-parasite Evolution and Genetics Laboratory
 Advisor: Dr. Francis Jiggins
 Project: Bacterial symbionts as a defense against viruses in insects
 Department of Genetics, University of Cambridge

International Conference Talks and Proceedings

Zakharov-Gezekhus I. A., Goryacheva I.I. and **Suvorov A.** MT-DNA polymorphism in native and invasive populations of Asian multicolored ladybeetle, The 11th International Symposium "Ecology of Aphidophaga", Perugia, Italy 2010

Suvorov A. P. Comparative molecular genetic research of *Nehalennia speciosa* Charp. from geographically distant populations, The 18th International Symposium of Odonatology, Nagpur, India, 2008

Suvorov A. P. *Nehalennia speciosa* Charp. (Zygoptera: Coenagrionidae) discovered in Moscow region, The 17th International Symposium of Odonatology, Hong Kong, China, 2006

Publications

Galinskaya V. G., **Suvorov A.**, Okun V. M., Shatalkin I. A. 2014 Revealing suprageneric divergence in Ulidiidae and Otitidae (Diptera: Tephritoidea): morphology, DNA evolution and Markov codon models. Submitted to *BMC Ecology*

Suvorov A., Nolte V., Pandey V. R., Franssen U. S., Futschik A., Schlötterer C. **2013** Intra-specific regulatory variation in *Drosophila pseudoobscura*. *PLOS ONE* 8(12): e83547

Palmieri N., Nolte V., **Suvorov A.**, Kosiol C., Schlötterer C. **2012** Evaluation of different reference based annotation strategies using RNA-Seq - a case study in *Drosophila pseudoobscura*. *PLOS ONE* 7(10): e46415.

Suvorov A. **2011** Comparative molecular genetics of *Nehalennia speciosa* Charp. from geographically distant populations. *Odonatologica* 40(2): 131-136.

Zakharov I. A., Goryacheva I. I., **Suvorov A.** **2011** Mitochondrial DNA polymorphism in invasive and native populations of *Harmonia axyridis*. *European Journal of Environmental Sciences* 1(1):15-18.

International Courses

Evolutionary Genetics Workshop, Institute of Science and Technology Austria (IST), Klosterneuburg, Austria 2011

Italian-Russian School of High Education in Ecological, Environmental and Natural Sciences, Palermo, Italy 2008

Research Techniques

General: DNA extraction, RNA extraction, DNA cloning, PCR, qPCR, rtPCR, PCR-RFLP, horizontal DNA electrophoresis

Genomics and Transcriptomics: RNA-seq, *de novo* assembly, genome annotation, genomewise differential expression

Cytogenetics: purification of synaptonemic complex from animals, fluorescent and electron microscopy (scanning and transmission)

Phylogenetics: phylogeny reconstruction

Zoology: insect culture, field collection and identification of Odonata

Informatics: scripting

Software and Programming Skills

BLAT, BLAST, Exonerate, SAMtools, Picard, TopHat, GSNAP, Bowtie, Velvet, Oases, Trinity,

PHYML, MEGA, MrBayes, ModelTest, PHYLIP package, PAML

UNIX command language, AWK, R, Python

Teaching

Teaching Assistant BIO 100 (Brigham Young University)

Introduction to R programming (Moscow State University)

Research Funding

2011-2013 FWF (P22834) The Austrian Science Fund

2009-2011 RFBR (#09-04-01720) the Russian Foundation of Basic Research

2008-2010 RFBR (#08-04-01511) the Russian Foundation of Basic Research

Languages

Fluent in conversational and scientific English.