

Curriculum vitae

Name and surname: MIKHAIL POGORELYY

Date and Place of Birth: 12 May 1991, Moscow, USSR

Contact information:

Permanent address: Russia, Moscow, Stoletova str. 10-113, 119192

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Education: Graduated Moscow State University, Biological Faculty, Department of Virology (2008-2013) with distinction

Research activities and interests:

From September 2009 till March 2011 at Department of Systemogenesis, P.K.Anokhin Institute of Normal Physiology.(undergraduate student)

From March 2011 at Laboratory of Comparative and Functional Genomics, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russ. Acad. Sci.(undergraduate student, from 2013 PhD student)

Next generation sequencing of T cell receptors (TCR) cDNA libraries. TCR repertoire alteration in human autoimmune disease and contribution of genetic factors to TCR diversity.

Retrotransposons activity in mammalian somatic cells.

Laboratory skills:

Basic molecular biology skills: molecular cloning, gel electrophoresis, PCR, oligonucleotide design, DNA and RNA extraction and purification, cDNA libraries preparation.

Work with model animals(mice)

RNA probes for ISH design, RNA-ISH on brain tissue samples, brain tissue sample preparation.

Computer skills: software for DNA analysis and alignment (Muscle, geneous), genomic databases, basic C, Objective-C, Delphi, R and Groovy programming skills.

Awards and grants:

2007- winner of regional round of all-russian school olympiad in Biology(third place)

2008- winner of regional round of all-russian school olympiad in Biology(third place)

2010- winner of Potanin Charity Fund grant competition for students

Publications:

A Novel Approach to Identification of Somatic Retroelements' Insertions in Human Genome. A. A. Kurnosov, S. V. Ustyugova, M. V. Pogorelyy, A. Yu. Komkov, D. A. Bolotin, K. V. Khodosevich, I. Z. Mamedov, and Yu. B. Lebedev, Russian Journal of Bioorganic Chemistry 39(4), 2013 (article in press)

Teaching Experiences:

2010/2011 – "Introduction to Virology", Moscow State Boarding School "Intellectual"

References:

Dr. Yuri Lebedev

Head of the Laboratory of Comparative and Functional Genomics

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