

## CURRICULUM VITAE

### Name: Pavel Nesmiyanov

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Date of birth: December 29, 1982

Citizenship: Russian

Marital status: male, married

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### Education

May 2012: **Course of English Language**, MLS International College (Bornemouth, UK)  
Certificate in English for Medicine

May 2011: **Course of English Language**, MLS International College (Bornemouth, UK)  
Tests and interview, CEFR level – B2  
Certificate in English for Medicine

February 2011: **Course on Teaching in Medicine**, Volgograd State Medical University (Volgograd, Russia)  
Thesis on Educational psychology in medical learning  
Certificate in Teaching Medicine

March 2010: **PhD degree in Medical Sciences (Pharmacology)**, Volgograd State Medical University (Volgograd, Russia)  
Field of study – antiviral and immunomodulating effects of adenine derivatives

June 2007: **Clinical Laboratory Scientist**, Out-patient clinic of allergy and clinical immunology (Volgograd, Russia)  
Internship in Clinical Laboratory Science, Certificate (medical licence) in Clinical Laboratory Science

June 2006: **MSc (Specialist) degree in Medical Biochemistry** (GPA: 4.6 (5-grade scale)), Volgograd State Medical University (Volgograd, Russia)  
Field of study - Immune system features in patients with cholecystitis

August 2000: **Computer Repair and Network Support Specialist**, Volgograd Training Center (Volgograd, Russia)  
Short Courses, Certificate in computer repair and LAN support

### Employment and Grants history/Experience

August 2012 – Present: **Fulbright FFDP Visiting Research Fellow** in biomedical imaging and medical illustration, Cleveland Clinic Foundation (Lerner Research Institute, Cellular and Molecular Medicine dept), Case Western Reserve University School Of Medicine, Department of Pathology (Cleveland OH, USA)

5/2012 – Present  
Genomics and Proteomics Laboratory, Volgograd Medical Science Center, Volgograd, Russia  
Industry: Biomedical Sciences  
**Researcher**  
Managing laboratory  
Form of employment: Part-time

3/2010 – Present  
Volgograd State Medical University, Volgograd, Russia. Administration.  
Industry: Healthcare Education  
**Vice Dean of the General Medicine Faculty**

Assisting and when necessary acting for the Dean in matters of academic and Faculty policy, providing development of quality learning and teaching in the faculty, promoting the greater use of teaching evaluation and student feedback to improve learning and teaching performance, analyzing, reviewing and disseminating statistics on faculty performance, co-ordinating student activities and learning.  
Form of employment: Part-time

9/2006 – Present

Volgograd State Medical University, Volgograd, Russia. Immunology and Allergy Department.

Industry: Healthcare Education

**Assistant Lecturer (→ Associate professor since September, 2011)**

Training students in general immunology, clinical immunology, allergy. Training foreign students, either in English or Russian.

Form of employment: Full-time

7/2006 – Present

Volgograd Advisory and Diagnostics Out-patient's Clinic #2 (Former Out-patient's clinic of Allergy and Clinical Immunology), Volgograd, Russia

Industry: Hospitals/Ambulatory Health care services

**Clinical Pathologist**

Completed 12-month clinical training program (Internship) at Volgograd Out-patient's clinic of Allergy.

Preparing specimens and performing laboratory procedures used in the diagnosis, treatment and prevention of disease. Verifying, recording and reporting lab results on all performed tests. Ensuring compliance with government requirements, hospital policies and laboratory procedures, including maintaining the cleanliness of lab equipment, instruments and work area.

Key Contributions:

- Executed and analyzed tests in areas including chemistry, hematology, urinalysis, serology, histology and bacteriology to aid physicians in diagnosing and treating disease.
- Consistently commended for the timely, high-quality completion of both routine and special laboratory assays of patient specimens (including blood and other body fluids, skin scrapings and surgical specimens).
- Ensured test-result validity before recording/reporting results, earning a reputation for meticulous attention to detail.
- Demonstrated the ability to communicate test results effectively with physicians, pathologists and nursing staff as a member of interdisciplinary team focused on providing exemplary quality of care.

Form of employment: Part-time

6/2004-7/2006

Volgograd Out-patient's clinic of Allergy, Volgograd, Russia

Industry: Hospitals/Ambulatory Health care services

**Medical Laboratory Technologist.**

Key Contributions:

- Operated and calibrated an assortment of laboratory/testing equipment and performed various chemical, microscopic and bacteriologic tests.
- Performed stat and routine testing on a variety of specimens quickly and accurately.
- Maintained lab equipment and troubleshoot/resolved instrument problems.
- Performed blood collection (phlebotomy, finger pricking).

Form of employment: Part-time

### Research Interests

Molecular biology, cell biology, cell and molecular immunology, T helper cells, cytokine polymorphisms, immune-modulating substances, molecular pharmacology, proteomics, genetics and pharmacogenomics, molecular signaling, cellular and molecular imaging and visualization

### Additional information

Performed translations of medical texts and manuals for lab equipment. Carrying correspondence with foreign manufacturers, vendors or distributors of medical supplies/equipment. Got a Certificate of Honour

from Municipal Department of Health. Have excellent skills in working with PC (MS Windows-based systems). Consulted analysts of Department of Marketing Investigations and Sociology on medical issues. Awarded a Fulbright grant (FFDP) for scholarship. Passed TOEFL-IBT at 106 out of 120.

### Professional Skills

Clinical assays (manual and automated), Clinical microbiology, Lab equipment calibration, Test result validity verification, Lab testing & reporting, Quality control, Cell culture

- Designed and performed scientific laboratory experiments
- Conducted protein analyses including column chromatography, HPLC, immunoprecipitation, PAGE electrophoresis, Western blots and enzymatic assays (ELISA)
- Conducted DNA analyses including plasmid preparation, making probe, agarose gel electrophoresis, southern blots analysis, DNA SNP
- Conducted flow cytometry analyses for HIV monitoring, lymphoma/leukosis diagnosis and monitoring, for cell activation assessment
- Maintained a mice colony
- Performed statistical analysis of research and clinical data (using Excel, Statistica, SPSS)

### Publications

1. Gumilevsky BU, **Nesmiyanov PP**, Vorobiev AI. Interleukins for inflammation assessment in patients with acute calculous cholecystitis. Int. Congress "Immunity and disease: from theory to practice", suppl. materials, 2005. №5.-Vol.6., P.223. (Article in Rissian)
2. Gumilevsky BU, **Nesmiyanov PP**, Immune status features in patients with acute calculous cholecystitis. III Workshop "Current problems in diagnostics and treatment of Immune-mediated and Allergic diseases", suppl.materials, Pyatigorsk, 2006. – P.36-39. (Article in Rissian)
3. **Nesmiyanov PP**, Immune system state in patients with acute calculous cholecystitis. 64<sup>th</sup> workshop "Current problems in experimental and clinical medicine", suppl.materials Volgograd, 2006. – c.131. (Article in Rissian)
4. Gumilevsky BY., **Nesmiyanov PP.**, Vorobiev AI. Immune system features in patients with acute calculous cholecystitis. XXV Congress of the European Academy of Allergy and clinical Immunology. Abstract book. – Vienna,Austria. – 2006. – p.252.
5. **Nesmiyanov PP**, Surkova IG. Antioxidant activity assessment with kinetic ABTS-test. Fundamental sciences and clinical medicine progress, suppl.materials, Moscow, 2004, P.52. (Article in Rissian)
6. **Nesmiyanov PP**. In vitro study of antiviral mechanisms of novel synthetic adenine derivatives/ XII Regional workshop of young researchers in Volgograd region, suppl.materials. Volgograd, 2008, P.220. (Article in Rissian)
7. **Nesmiyanov PP**, Strygin AV. Immunomodulating properties of novel adenine derivatives. Russian Journal Of Immunology, 2008, Vol. 2(11), P.2-3. (Article in Rissian)
8. **Nesmiyanov PP** Immunomodulating features of newly synthesized adenine derivatives/ Vestnik VolGMU, 2009, # 3, P. 34-38. (Article in Rissian)

9. Antonov YV, Trusova EP, **Nesmiyanov PP**, Gumilevskaya OP. On PSA and CA-125 monitoring in mass health examination in Volgograd and Volgograd region. Article collection devoted to 90 anniversary of Volgograd municipal health department, 2008, P. 260. (Article in Russian)
10. Onshin NN, Edigarova AV, **Nesmiyanov PP**. Immunological indices in focal hepatic lesions. Vestnik RGMU, 2006, #2, P. 165. (Article in Russian)
11. Strygin AV, **Nesmiyanov PP**. Anti-interferon gamma antibodies in treatment of HIV-infected patients. 68th Regional workshop of young researchers in Volgograd region, suppl.materials. Volgograd, 2010. (Article in Russian)
12. Bogdanova AM, **Nesmiyanov PP**. Characteristics of patients with sensitization to fish and seafood. Russian Journal of Allergy, 2012, #1, P. 57-58. (Article in Russian)
13. **Nesmiyanov PP**, Bogdanova AM, Strygin AV. Modulation of Treg/Th17 balance by adenine derivatives. Russian Journal of Allergy, 2012, #1, P. 220-222. (Article in Russian)