

## SVETLANA RAZORILOVA

### **Permanent address:**

66, per. Ujgorodskii, c. Bishkek 720072, Kyrgyz Republic

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### **Educational History:**

**2000-present** Kyrgyz State National University (Bishkek, Kyrgyz Republic)

Major Field: Biology

Degree: BS

**2002** The Internet Access and Training Program (IATP) administered by the International Research & Exchanges Board (IREX), and sponsored by the Bureau of Educational and Cultural Affairs (ECA) of the US Department of State.

**1990-1992** Technical College (Bishkek, Kyrgyz Republic)

Major Field: Clothes design

Degree: Master of Ladies Wear Design, December 1992

**1979 – 1990** High-school # 19 (Bishkek, Kyrgyz Republic)

### **Awards:**

**2002** “Certificate of Appreciation” for active social help at the Choreography School (Bishkek, Kyrgyz Republic)

**2002** Travel Grant London (UK)

**2001** Travel Grant (Bangkok, Thailand)

**1991** Second prize on the Technical Student Conference (Bishkek, Kyrgyz Republic)

### **Related Experience:**

**2001 – present** Research assistant, Kyrgyz Blood Bank, Bishkek, Kyrgyz Republic

**1992 – 2001** Ladies Wears Designer, Atelier, Bishkek, Kyrgyz Republic

### **Other Skills:**

Microsoft Office, MS-Word, MS-Excel, MS-PowerPoint, Access, Outlook, Statistical software packages, Adobe PhotoShop and other applications for image processing, Internet search and communication tools, Adobe Acrobat.

### **Special Technical Areas:**

Microlymphocytotoxicity assays for HLA-A, B, C, and DR locus, Purification of DNA from whole blood, serum, bacteria, Polymerize chain reaction (PCR), Microtiter plate hybridization low- and high-resolution typing (PCR-MPH), Computer search based on genome informatics; homology search, and motif search, Statistics analysis-  $X^2$ , p value, pc; haplotype frequency, Optical microscopy, growing bacteria on media, sporulation, purification

### **Publications:**

1. Olga M. Tarasenko, Mikhail I. Kitaev, Svetlana P. Razorilova, Toktogazy S. Kutukeev,<sub>1</sub>

- Kunduz Toktorgazieva, Avtandil Sh. Alisherov, Jun Ohashi, and Katsushi Tokunaga. HLA-DRB1 molecular analysis of northern and southern Kyrgyz. *Anthropological Science*. **2002** (in preparation to be submit)
2. Olga M. Tarasenko, **Svetlana P. Razorilova**, Mikhail I. Kitaev, Toktogazy S. Kutukeev, Jun Ohashi, Katsushi Tokunaga, Kunduz Toktorgazieva, and Avtandil Sh. Alisherov. HLA-DRB1, TNF- $\alpha$  association with tuberculosis progression. "*Proceedings of VUZOV*" **2002**: 3 (accepted for publication) (in English)
  3. Olga M. Tarasenko, Mikhail I. Kitaev, **Svetlana P. Razorilova**, Toktogazy S. Kutukeev, Jun Ohashi, Katsushi Tokunaga, Kunduz Toktorgazieva, and Avtandil Sh. Alisherov. TNF- $\alpha$  5'-flanking region polymorphisms and the destruction processes in chronic tuberculosis patients. "*Proceedings of VUZOV*". **2002**: 4 (accepted for publication) (in English)
  4. Olga Tarasenko, Jun Ohashi, Mikhail Kitaev, **Svetlana P. Razorilova**, Arina Ardiyants, Toktogazy Kutukeev, Avtandil Alisherov. Kunduz Toktorgazieva, and Katsushi Tokunaga HLA-DRB1 gene polymorphisms in Kyrgyz. *MHC* (Major Histocompatibility Complex, Official Journal of Japanese Society for Histocompatibility and Immunogenetics) **2001**: 8, 1: 1- 7 (in English)
  5. Arina Ardiyants, Olga Tarasenko, **Svetlana P. Razorilova**, Toktogazy Kutukeev, Kunduz Toktorgazieva, Mikhail Kitaev, and Avtandil Alisherov. Polymorphism of HLA- A, B genes in Central Asian population. "Actual Problems of Clinical Medicine" **2000**: 2, 190-196. (in Russian)

#### **Participation in international conferences and meetings:**

1. 7th National Symposium "Basic aspect of vaccines" Bethesda, Maryland, 2001, May 2-4. Susceptibility to drug-resistant tuberculosis mediated by HLA-DRB1 is influenced by TNFA promoter polymorphisms (abstract)
2. Drug Discovery Japan- Cambridge Healthtech Institute conference in Japan. 2001, March 27-29 "HLA-DRB1 and TNFA promoter polymorphisms in drug-resistant and drug-sensitive tuberculosis (abstract/ poster)
3. Genome Japan- Cambridge Healthtech Institute conference in Japan. 2001, March 26-27 HLA-DRB1 and TNFA promoter polymorphisms in drug-resistant and drug-sensitive tuberculosis (abstract/ poster)
4. The 3rd International Workshop on Advanced Genomics. SNPs: Application and Related Technologies. November 13-14, 2000 Association of HLA-DRB1, but no tumor necrosis factor alpha (TNFA-308A) and tumor necrosis factor receptor 2 (TNFR2) with tuberculosis in Kyrgyz population (abstract/ poster)
5. 54th Conference of Japanese Society of Anthropology. Japan 2000, November 14-16. HLA-DRB1, tumor necrosis factor - alpha (TNFA-308A) and tumor necrosis factor receptor 2 (TNFR2) genes and tuberculosis in Kyrgyz population (abstract/ poster).
6. International symposium "Problems of Tuberculosis" Kyrgyz Republic 2000, 1-2 June. Association of HLA alleles with pulmonary tuberculosis in Kyrgyz population (abstract/ poster/ oral)