

Lidija Cvetko Krajinović

Scientific Personal Identification Number: 251793

Academic achievements:

- 2003 – 2014** PhD in Natural Sciences-Biology - Faculty of Science, University of Zagreb, Zagreb, Croatia
- 1995 – 2001** MSc in Biology (Molecular Biology) - Faculty of Science, University of Zagreb, Zagreb, Croatia

Working experience:

- 2014 – present** **Postdoctoral Researcher**; Research Department, University Hospital for Infectious Diseases 'Dr Fran Mihaljević', Zagreb, Croatia (Project: Innate Immunity to hantaviruses, P.I. Prof. Alemka Markotić, MD, PhD)
- 2006 – 2014** **PhD Student**; Research Department, University Hospital for Infectious Diseases 'Dr Fran Mihaljević', Zagreb, Croatia (Project: Immunoreactions to hantaviruses and leptospire, P.I. Prof. Alemka Markotić, MD, PhD)
- 2005 – 2006** **Associate**; Quality Control Department/Bacterial Vaccines and Blood Derivatives Quality Control Unit, Institute of Immunology, Zagreb, Croatia
- 2002 – 2005** **Young Resercher**; Department for Research and Development/Cellular Immunology Unit, Institute of Immunology, Zagreb, Croatia (Project: 3-D Cell Technology in Production of Interferon and Viral Proteins, P.I. Alemka Markotić, MD, PhD)

Professional education and training:

- May/June, 2015 The Lautenberg Center for General and Tumor Immunology, Hadassah Medical School, The Hebrew University, Jerusalem, Israel
- January, 2012 Istituto Clinico Humanitas, Research Laboratory in Immunology & Inflammation, Milan, Italy
- March–April, 2003 Haartman Institute, University of Helsinki, Helsinki, Finland
- July, 2002 WHO Collaborating Centre for Arbovirus and Hemorrhagic Fever Reference and Research, Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia

Collaboration in projects:

- 2014 - present Centre of Excellence for Research in Viral Immunology and Vaccines (CERVirVac), (MZOŠ, PI: Stipan Jonjić)
- 2014 - present Innate immunity to Hantaviruses (HANTA-INNATE), (HRZZ: 4393, PI: Alemka Markotić)
- 2007 - present Telemedicine in emerging infectious diseases, (University of Texas Medical Branch, Galveston, Texas, SAD, PI from Croatian side: Alemka Markotić)
- 2007 - 2014 Program: Hantaviruses and leptospires, (MZOŠ, PI: Alemka Markotić)
- 2007 - 2014 Immunoreactions to hantaviruses and leptospira, (MZOŠ: 143-1430115-0103, PI: Alemka Markotić)
- 2007 - 2011 Project Jezgra: The Center for emergent and re-emergent infectious diseases, (MZOŠ: J-29-2007, PI: Alemka Markotić)
- 2006 - 2007 Immunoreactions to infections with intracellular pathogens, (MZOŠ: 0021005, PI: Alemka Markotić)
- 2002 - 2005 3-D Cell technology in production of interferon and viral proteins, (MZOŠ: TP-01/0021-06, PI: Alemka Markotić)

Research achievements:

- 2007 Stipend from the Croatian Ministry of Science, Education, and Sport for the participation at the 7th McLaughlin Symposium in Infection and Immunity 2007 - The Microcirculation in Acute Viral and Bacterial Infections, Galveston, Texas, SAD
- 2006 Nomination for the National Science Award – Annual Award for PhD Students for 2007 from the side of University Hospital for Infectious Diseases 'Dr Fran Mihaljević', Zagreb, Croatia
- 2004 Travel Award from the Committee of the 6th International Conference on HFRS, HPS and Hantaviruses, Seoul, South Korea
- 2003 Travel Award from the Croatian Society for Microbiology for the professional education at the Haartman Institute, University of Helsinki, Helsinki, Finland

Relevant publications:

1. Lidija Cvetko, Alemka Markotić, Angelina Plyusnina, Josip Margaletić, Marica Miletić-Medved, Nenad Turk, Zoran Milas, Tatjana Avšič-Županc, Alexander Plyusnin. Puumala virus in Croatia in the 2002 HFRS outbreak. *Journal of Medical Virology*. 2005;77(2):290-294.

2. Lidija Cvetko, Nenad Turk, Alemka Markotić, Zoran Milas, Josip Margaletić, Marica Miletić-Medved, Alexander Plyusnin, Guy Baranton, Daniele Postic, Tatjana Avšič-Županc. Dual infections with *Puumala virus* and *Leptospira interrogans* serovar lora in a bank vole (*Clethrionomys glareolus*). *American Journal of Tropical Medicine and Hygiene*. 2006;74(4):612-614.

- 3.** Alemka Markotić, Višnja Škerk, **Lidija Cvetko Krajinović**, Antun Beus. Is the clinical picture of Schnitzler syndrome always Schnitzler syndrome? *Clinical and Experimental Rheumatology*. 2009;27(3):507-509.
- 4.** Alemka Markotić, **Lidija Cvetko Krajinović**, Josip Margaletić, Nenad Turk, Marica Miletić-Medved, Ljiljana Žmak, Mateja Janković, Ivan-Christian Kurolt, Silvija Šoprek, Oktavija Đaković Rode, Zoran Milas, Ivan Puljiz, Dragan Ledina, Mirsada Hukić, Ilija Kuzman. Zoonoses and vector-borne diseases in Croatia - a multidisciplinary approach. *Veterinaria Italiana*. 2009;45(1):55-66.
- 5.** Angelina Plyusnina, **Lidija Cvetko Krajinovic**, Josip Margaletic, Jukka Niemimaa, Kirill Nemirov, Åke Lundkvist, Alemka Markotic, Marica Miletic Medved, Tatjana Avšič Županc, Heikki Henttonen, Alexander Plyusnin. Genetic evidence for the presence of two distinct hantaviruses associated with *Apodemus* mice in Croatia and analysis of local strains. *Journal of Medical Virology*. 2011;83(1):108-114.
- 6.** Ivan Puljiz, Alemka Markotić, **Lidija Cvetko Krajinović**, Marija Gužvinec, Ozren Polašek, Ilija Kuzman. Mycoplasma pneumoniae in adult community-acquired pneumonia increases matrix metalloproteinase-9 serum level and induces its gene expression in peripheral blood mononuclear cells. *Medical Science Monitor*. 2012;18(8):500-505.
- 7.** **Lidija Cvetko Krajinović**, Silvija Šoprek, Miša Korva, Boris Dželalija, Oktavija Đaković Rode, Višnja Škerk, Tatjana Avšič-Županc, Alemka Markotić. Serum levels of metalloproteinases and their inhibitors during infection with pathogens having integrin receptor-mediated cellular entry. *Scandinavian Journal of Infectious Diseases*. 2012;44(9):663-669.
- 8.** Sébastien Jaillon, Federica Moalli, Bryndis Ragnarsdottir, Eduardo Bonavita, Manoj Puthia, Federica Riva, Elisa Barbati, Manuela Nebuloni, **Lidija Cvetko Krajinovic**, Alemka Markotic, Sonia Valentino, Andrea Doni, Silvia Tartari, Giorgio Graziani, Alessandro Montanelli, Yves Delneste, Catharina Svanborg, Cecilia Garlanda, Alberto Mantovani. The humoral pattern recognition molecule PTX3 is a key component of innate immunity against urinary tract infection. *Immunity*. 2014;40(4):621-632.
- 9.** Petra Svoboda, Gerhard Dobler, Alemka Markotić, Ivan-Christian Kurolt, Stephanie Speck, Josipa Habuš, Marko Vucelja, **Lidija Cvetko Krajinović**, Ante Tadin, Josip Margaletić, Sandra Essbauer. Survey for hantaviruses, tick-borne encephalitis virus, and Rickettsia spp. in small rodents in Croatia. *Vector Borne and Zoonotic Diseases*. 2014;14(7):523-530.
- 10.** Ante Tadin, Linda Bjedov, Josip Margaletić, Branka Žibrat, **Lidija Cvetko Krajinović**, Petra Svoboda, Ivan-Christian Kurolt, Zrinka Štritof Majetić, Nenad Turk, Oktavija Đaković Rode, Rok Čiviljak, Ilija Kuzman, Alemka Markotić. High infection rate of bank voles (*Myodes glareolus*) with Puumala virus is associated with a winter outbreak of haemorrhagic fever with renal syndrome in Croatia. *Epidemiology and Infection*. 2014;142(9):1945-1951.