

Ljiljana Žmak

Scientific Personal Identification Number: 251771

Academic achievements:

2006 – 2011; Specialisation in Clinical microbiology and parasitology, Croatian National Institute of Public Health

2007; Master course in Medical management, University of Zagreb School of Medicine

2002 – 2007; PhD student, Institute of Immunology, Zagreb and Croatian National Institute of Public Health (Thesis: "Immunoreactions caused by viruses Hantaan and Andes in MRC-5 and HEK 293 cells")

2002; diploma-Medical doctor, University of Zagreb School of Medicine

Research achievements:

May and June 2004 ESCMID grant for training in foreign laboratory, Institute of Virology, Humboldt University, Berlin, Germany

2002 Rector's award "Interleukin (IL)-8, MCP-1 and IL-10 in infections caused by leptospira and hantaviruses" (mentor: prof. Alemka Markotić)

Collaboration in current projects:

2014 – present – Collaborator in research project "Innate immunity to Hantaviruses (HANTA-INNATE)" (P.I. prof. Alemka Markotić, MD, PhD; Funded by the Croatian Science Foundation

2009 – present – assistant Pan-European network for study and clinical management of drug resistant tuberculosis, **Seventh Framework Programme for Research (FP7)**; Funded by the European Commission's Seventh Framework Programme for Research (FP7), project number 223681

Collaboration in past projects:

2002 - 2005 - PhD student on the project: "Immunoreactions caused by intracellular pathogens" (P.I. prof. Alemka Markotić, MD, PhD)

Professional practice:

2012 - present, Head of the department for Nontuberculous mycobacteria, Croatian National Institute for Public Health

2006 - present, Assistant at the School of Medicine, University of Zagreb, courses Medical Microbiology and Clinical Microbiology

Publications (selected):

- 1.** **Zmak L**, Obrovac M, Katalinic Jankovic V. First insights into the molecular epidemiology of tuberculosis in Croatia during a three-year period, 2009 to 2011. *Scand J Infect Dis.* 2014 Feb;46(2):123-9.
- 2.** Jankovic M, Samarzija M, Sabol I, Jakopovic M, Katalinic Jankovic V, **Zmak L**, et al. Geographical distribution and clinical relevance of non-tuberculous mycobacteria in Croatia. *Int J Tuberc Lung Dis.* 2013 Jun;17(6):836-41.
- 3.** Jankovic M, **Zmak L**, Krajinovic V, Viskovic K, Crnek SS, Obrovac M, Haris V, Jankovic VK. A fatal *Mycobacterium chelonae* infection in an immunosuppressed patient with systemic lupus erythematosus and concomitant Fahr's syndrome. *J Infect Chemother.* 2011;17(2):264-7.
- 4.** Mlinaric-Galinovic G, Vojnovic G, Cepin-Bogovic J, Bace A, Bozиков J, Welliver RC, Wahn U, **Cebalo L**. Does the viral subtype influence the biennial cycle of respiratory syncytial virus? *Virol J.* 2009 7;6:133-139.
- 5.** Markotić A, Krajinović LC, Margaletić J, Turk N, Miletić-Medved M, **Zmak L**, Janković M, Kurolt IC, Soprek S, Daković Rode O, Milas Z, Puljiz I, Ledina D, Hukić M, Kuzman I. Zoonoses and vector-borne diseases in Croatia - a multidisciplinary approach. *Vet Ital* 2009;45(1):55-66.
- 6.** **Cebalo L** i Markotić A. Chemokine Production Predominates in Human Monocytes Infected with Tula Virus. *Viral Immunology* 2007;20(1):206-13.
- 7.** Miletić Medved M, Markotić A, **Cebalo L**, Turković B, Avšič Županc T. Hemorrhagic fever with renal syndrome in Croatia. *Lancet* 2002;360:415-416.