

Curriculum vitae

Personal information

First name / Surname

Marija Marković (maiden: Vujanić)

E-mail

marija.markovic@fm.ul.pt
marijamarkovic0312@gmail.com

Nationality

Serbian

Date of birth

3rd December 1980

Research experience

2014 - Present

Postdoctoral Fellow

Instituto de Medicina Molecular, Lisboa, Portugal
Unidade de Malaria
Research supervisor: Dr. Miguel Prudêncio

2013 – 2014

Research Associate

Institute for Medical Research, University of Belgrade, Belgrade, Serbia
Department of Parasitology
Research supervisor: Dr. Vladimir Ivović

2008 - 2013

Research Assistant

Institute for Medical Research, University of Belgrade, Belgrade, Serbia
Department of Parasitology
Research supervisor: Dr. Vladimir Ivović

2006 - 2008

Researcher

Institute for Medical Research, University of Belgrade, Belgrade, Serbia
Department of Parasitology
Research supervisor: Dr. Vladimir Ivović

Education

July '12

PhD, Molecular biology, Faculty of Biology, University of Belgrade, Belgrade, Serbia
PhD thesis: "Molecular detection and genotyping of *Toxoplasma gondii* strains isolated in Serbia"

Oct '99 - Jan '06

Faculty of Biology, University of Belgrade, Belgrade, Serbia

Involvement in Projects

2010-2011

International:

Molecular diagnostic and genotyping of parasite *Toxoplasma* isolated from humans and animals in Serbia and France, Integrated program activities „Pavle Savić“

2010-2011

Molecular diagnostic and genotypic characterization of human *Toxoplasma gondii* isolates in Hungary and Serbia, Serbian Hungarian S&T joint projects

2008-2010

Epizootiology and epidemiology of leishmaniosis in Croatia and Serbia. Sandfly presence in non-enzootic areas and serological canines and humans monitoring. Research and Technology programmes between Serbia and Croatia

2007-2009

SERBPARTOON - Reinforcement of the Serbian centre for parasitic zoonoses", FP6-2005-INCO-WBC/SSA-3. Multilateral International Project 2007-2009

	National:
2011-2014	Control of infections by Apicomplexan pathogens: from novel drug targets to prediction (Ministry of Education and Science of Serbia, grant No. III41019)
2006-2010	Intracellular microorganism-induced (re)emerging infections: transmission, molecular epidemiology, host-pathogen relationship, and clinical relevance (Ministry for science and environment of Serbia, grant no. 145002)
2007	<i>Toxoplasma gondii</i> infection in pigs at the time of slaughter as a major risk factor for contracting toxoplasmosis in humans. Ministry of Agriculture, Forestry and Water Management (Contract No. 401-00-13721/06-05)
	Training
Nov '12	Course: "Laboratory animal welfare", Royal Society for the Prevention of Cruelty to animals RSPC, Faculty of Medicine, University of Belgrade, Serbia (two day course)
Sep '11	Study visit: Genotyping of <i>Toxoplasma</i> parasite based on microsatellites analysis, VERO cell culture and <i>in vitro</i> drug assay. Laboratoire de Parasitologie-Mycologie, Université de Limoges, Limoges and Laboratoire de Parasitologie-Mycologie, Université de Reims Champagne-Ardenne, Reims, France (two weeks visit)
May '10	Course: "Introduction to ArcGIS I" GISDATA, Belgrade, Serbia (three day course)
Oct '09	Study visit: Serological and molecular diagnosis of toxoplasmosis, cell culture and genotyping of <i>Toxoplasma gondii</i> strains based on PCR-RFLP method. Laboratoire de Parasitologie-Mycologie, Université de Reims Champagne-Ardenne, Reims, France (two weeks visit).
Sep '09	Course: „Academic skills“, Consultative Bureau for International Projects, Sector for International Cooperation and European Integration, Ministry of Science and Technological Development, Serbia (two day course)
Nov '07	Course: „Aims and news in the serological diagnosis: use and quality control“, Improvement of laboratory services in Serbia, EuropeAid/120522/D/SV/YU, Belgrade, Serbia (three day course)
Oct '07	Study visit: Molecular biology in diagnostics of parasitic zoonoses (PCR and Real-Time PCR techniques). Laboratoire de Parasitologie-Mycologie, Hopital Cochin, Université René Descartes and Agencie Française de Sécurité Sanitaire des Aliments (AFSSA), Paris, France (three weeks visit).
	Skills
	Serological methods: Direct agglutination assays (ISAGA M, ISAGA A, DA, in-house test), ELISA, automated mini Vidas immunoassay system
	Molecular methods: DNA extraction (in-house protocols and commercial kits), conventional PCR, Real-Time PCR, PCR- RFLP, microsatellites analysis
	<i>In vitro</i> methods: <i>Toxoplasma</i> VERO cell culture, Plasmodium culture, LDH assays for drug sensitivity testing, Leishmania cultures on NNN medium
	<i>In vivo</i> methods: experimental mouse models for <i>Toxoplasma</i> and Plasmodium, <i>in vivo</i> drug testing
	Awards
	<u>Young Scientist Award</u> (2 nd prize) awarded by European Federation of Parasitologists for the orally presented paper entitled: „ <i>Toxoplasma gondii</i> genotypes in humans and animals in Serbia“ at the XI th European Multicolloquium of Parasitology held in Cluj-Napoca, Romania on 25-29 July 2012

Best publication in 2011, category: junior scientist, awarded by Institute for Medical Research, University of Belgrade

Best publication in 2011, category: group of researchers, awarded by Institute for Medical Research, University of Belgrade

Best publication in 2010, category: group of researchers, awarded by Institute for Medical Research, University of Belgrade

Membership
of professional associations

Entomological Society of Serbia – member
Parasitological Society of Serbia – member
Southeastern and Eastern European Parasitological Society – member

Computer skills

OS Win XP Pro, MS Office, Adobe PS, Reference Manager, EndNote, Graph Pad Prism

Languages

English (IELTS 8 points), Serbian (native), Russian (basics) and Spanish (basics)

Publications

Marković M, Ivović V, Štajner T, Djokić V, Klun I, Bobić B, Nikolić A, Djurković-Djaković O (2014): Evidence for genetic diversity of *Toxoplasma gondii* in selected intermediate hosts in Serbia. *Comp Immunol Microb, in press*

Štajner T, Vasiljević Z, Vujić D, **Marković M**, Ristić G, Mičić D, Pašić S, Ivović V, Ajzenberg D, Djurković-Djaković O (2013): Atypical Strain of *Toxoplasma gondii* Causing Fatal Reactivation after Haematopoietic Stem Cell Transplantation in a Patient with an Underlying Immunological Deficiency. *J Clin Microbiol* 51(8): 2686-2690

Ivović V, **Vujanić M**, Živković T, Klun I, Djurković-Djaković O. (2012): Molecular detection and genotyping of *Toxoplasma gondii* from clinical samples. In: Djurković-Djaković O.(ed.), *Toxoplasmosis - Recent Advances* 5: 103-120. InTech, Rijeka, Croatia. ISBN: 978-953-51-0746-0

Djurković-Djaković O, Djokić V, **Vujanić M**, Živković T, Bobić B, Nikolić A, Slavić K, Klun I, Ivović V. (2012): Kinetics of parasite burdens in blood and tissues during murine toxoplasmosis. *Exp Parasitol* 131(3): 372-376

Živković T, Ivović V, **Vujanić M**, Klun I, Bobić B, Nikolić A, Djurković-Djaković O. (2011): Adverse fetal outcome in the absence of timely prenatal diagnosis of congenital toxoplasmosis. *Wien Klin Wochenschr* 123 (Suppl 1): 43-46

Klun I, **Vujanić M**, Yera H, Nikolić A, Ivović V, Bobić B, Bradonjić S, Dupouy-Camet J, Djurković-Djaković O. (2011) *Toxoplasma gondii* infection in slaughter pigs in Serbia: seroprevalence and demonstration of parasites in blood. *Vet Res* 42(1): 17

Nikolić A, Klun I, Bobić B, Ivović V, **Vujanić M**, Živković T, Djurković-Djaković O. (2011): Human giardiasis in Serbia: asymptomatic vs symptomatic infection. *Parasite* 18: 197-201

Vujanić M, Ivović V, Kataranovski M, Nikolić A, Bobić B, Klun I, Villena I, Kataranovski D, Djurković-Djaković O. (2011): Toxoplasmosis in Naturally Infected Rodents in Belgrade, Serbia. *Vector Borne Zoonotic Dis.* 11(8): 1209-1211

Ivović V, Chaniotis V, **Vujanić M**, Bobić B, Nikolić A, Klun I, Živković T, Djurković-Djaković O (2010): Life tables and reproductive parameters of *Phlebotomus neglectus* Tonnoir, 1921 (Diptera, Psychodiadae) under laboratory conditions. *Arch Biol Sci* 62(1): 153-157

Bobić B, Klun I, Nikolić A, **Vujanić M**, Živković T, Ivović V, Djurković-Djaković O. (2010): Seasonal Variations in Human Toxoplasma Infection in Serbia. *Vectore Borne Zoonotic Dis* 10(5): 465-469

Bobić B, Klun I, **Vujanić M**, Nikolić A, Ivović V, Živković T, Djurković-Djaković O (2009): Comparative evaluation of three commercial Toxoplasma-specific IgG antibody avidity tests and significance in different clinical settings. *J Med Microbiol* 58: 358-364

Milovanović I, **Vujanić M**, Klun I, Bobić B, Nikolić A, Ivović V, Trbovich A, Djurković-Djaković O. (2009): *Toxoplasma gondii* infection induces lipid metabolism alterations in the murine host. *Mem Inst Oswaldo Cruz*, Vol. 104(2): 175-178

Nesović-Ostojić J, Klun I, **Vujanić M**, Trbovich A, Djurković-Djaković O (2008): Serum beta2- microglobulin as a marker of congenital toxoplasmosis and cytomegalovirus infection in preterm neonates. *Neonatology* 94(3): 183-186

Bobić B, Nikolić A, Klun I, **Vujanić M**, Djurković-Djaković O (2007): Undercooked meat consumption remains the major risk factor for Toxoplasma infection in Serbia. *Parassitologia* 49(4): 227-230