# Đurđica Cekinović

**Scientific Personal Identification Number: 270230**

**Academic achievements:**

**2011; PhD**, thesis "Inflammatory response in MCMV-infected newborn brain: role of cellular immunity and antiviral antibodies", Faculty of Medicine, University of Rijeka

**12/2008 – present; MD, specialist in infectious diseases**, Clinic for infectious diseases, Clinical hospital centre Rijeka

**2004 – 2008; PhD student**, Department of histology and embryology, Faculty of Medicine, University of Rijeka, Croatia

**1998 - 2004; Undergraduate study** at Faculty of Medicine, University of Rijeka, Croatia

**Teaching:**

Course associate

at School of medicine, University of Rijeka:

- *Infectious diseases;* Undergraduate programme
- *Histology and embryology*; undergraduate programme

at School of medicine, University of Mostar:

- *Cell biology;* Undergraduate programme

**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

**2014 – present – Collaborator** in research project, "Centre of exellence for Research in Viral Immunology and the Development of New Vaccines (CERVirVac)" (P.I. prof. Stipan Jonjić, MD, PhD; funded by the Croatian Ministry of Science, Education and Sports

**Collaboration in past projects:**

Role of the fellow: **associate**

- „**CNS maldevelopment and perinatal infection**"; National Institutes for Health (NIH), USA
- Coordinator: W.J. Britt, University of Alabama, Birmingham, co-PI S. Jonjić, University of Rijeka, Faculty of Medicine; 2003-2008
- Outcome: analysis of MCMV infection influence onto postnatal cerebellum development in newborn mice

Role of the fellow: **associate** (in period 2005-2008)

- „**Perinatal citomegalovirus encephalitis**"; Croatian Ministry of Science, Education and Sports
- Coordinator: E. Pernjek Pugel, University of Rijeka, Faculty of Medicine
- Outcome: determination of mechanisms of inflammatory responce in brains of MCMV-infected newborn mice

**Selected publications:**

**1.** Wensveen FM, Klarenbeek PL, van Gisbergen KP, Pascutti MF, Derks IA, van Schaik BD, Ten Brinke A, de Vries N, **Cekinovic D**, Jonjic S, van Lier RA, Eldering E. Pro-apoptotic protein Noxa regulates memory T cell population size and protects against lethal immunopathology. J Immunol 2013;190(3):1180-91.

**2.** Kosmac K, Bantug GR, Pugel EP, **Cekinovic D**, Jonjic S, Britt WJ. Glucocorticoid treatment of MCMV infected newborn mice attenuates CNS inflammation and limits deficits in cerebellar development. PLoS Pathog 2013;9(3):e1003200.

**3.** Slavuljica I, Busche A, Babić M, Mitrović M, Gašparović I, **Cekinović D**, Markova Car E, Pernjak Pugel E, Ciković A, Lisnić VJ, Britt WJ, Koszinowski U, Messerle M, Krmpotić A, Jonjić S. Recombinant mouse cytomegalovirus expressing a ligand for the NKG2D receptor is attenuated and has improved vaccine properties. J Clin Invest 2010;120(12):4532-45.

**4.** **Cekinović D**, Golemac M, Pugel EP, Tomac J, Cicin-Sain L, Slavuljica I, Bradford R, Misch S, Winkler TH, Mach M, Britt WJ, Jonjić S. Passive immunization reduces murine cytomegalovirus-induced brain pathology in newborn mice. J Virol 2008;82(24):12172-80.

**5.** Bantug GR, **Cekinovic D,** Bradford R, Koontz T, Jonjic S, Britt WJ. CD8+ T lymphocytes control murine cytomegalovirus replication in the central nervous system of newborn animals. J Immunol 2008;181(3):2111-23.