

1. **Family name:** HRNJAKOVIĆ CVJETKOVIĆ
1. **First names:** IVANA
2. **Date of birth:** 12.05.1959.
3. **Nationality:** Serbian
4. **Civil status:** merried
5. **Contact details (address, e-mail, telephone):** Institute for Public Health of Vojvodina Futoska 121 Novi Sad Serbia, ivana.hrnjakovic@izjzv.org.rs, 38121 4897871, 0656796134

6. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Medical faculty in Novi Sad [1978-1984]	Medical Doctor
Medical faculty in Novi Sad [1985-1989]	Masters degree
Medical faculty in Novi Sad [1989-1993]	Specialization in Microbiology with Parasitology
Medical faculty in Novi Sad [1997-1998]	Subspecialization in Virology
Medical faculty in Novi Sad [1998-2000]	Ph.D Thesis in Microbiology (virology)

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	3	3	3

8. **Membership of professional bodies:** Society of Physicians of Vojvodina, Medical Society of Serbia
9. **Other skills:** (e.g. computer literacy, etc.) computer literacy
10. **Present position:** Chief of Department of cell culture and other virology diagnostics, Title of position Assistant professor for the scientific area Microbiology
11. **Name of institution/firm/organisation:** Institute of Public Health of Vojvodina, Novi Sad, University of Novi Sad, Medical faculty in Novi Sad
12. **Years within the institution/firm/organisation:** 25 years
13. **Key qualifications:** (relevant to the assignment) subspecialisation in virology

14. Specific experience in the region:

Country	Date from - Date to

15. Professional experience

Date from - Date to	Location (Country)	Organisation/ Company	Position	Description of responsibilities and activities
1987-1993	Serbia	MF /Institute of Public Health of Vojvodina		On specialization in Microbiology with parasitology Scientific and research work on toxoplasmosis
1994 - 2002	Serbia	MF /Institute of Public Health of Vojvodina	Chief of Department of respiratory viral infections	Control and planning of diagnostic of influenza and other respiratory virus infection Practical and theoretical education of students of medicine, stomatology, pharmacy and health care. Scientific and research work on influenza
2003-2007	Serbia	MF /Institute of Public Health of Vojvodina	Head of Centre for virology	Control, organization standardization and planning of viral diagnostic of the Center for virology Practical and theoretical education of students of medicine, stomatology, pharmacy and health care. Scientific and research work on influenza, ARBO viruses, viruses in environment

2008 to present	Serbia		Chief of Department of cell culture and other virological diagnostic	Control, organization standardization and planing of viral diagnostic of the Departmen for cell culture and other virology diagnostic Practical and teoretical education of students of medicine, stomatology, pharmacy and health care. Scientific and research work ARBO viruses, viruses in enviroment
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Other relevant information: (e.g. publications, professional tra**Publications**

1. Peer-reviewed articles (original publications)

1. Petric Dusan V, Hrnjakovic-Cvjetkovic Ivana, Radovanov Jelena, Cvjetkovic Dejan, Jerant-Patic Vera, Milosevic Vesna S, Kovacevic Gordana V, Zgomba Marija, Ignjatovic-Cupina Aleksandra, Konjevic Aleksandra, Marinkovic Dusan, PazSanchez-Seco Ma, West Nile virus surveillance in humans and mosquitoes and detection of cell fusing agent virus in Vojvodina province (Serbia) (Article), HEALTHMED, (2012), vol. 6 br. 2, str. 462-468, Project: Ministry of Education and Science of the Republic of Serbia[TR 6920B, TR 31084, III 43007]; City of Novi Sad; City Administration for Environmental Protection; Provincial Secretariat for Science and Technological Development, AP Vojvodina[114-451-2142/201
2. Jerant-Patic Vera, Milosevic Vesna S, Hrnjakovic-Cvjetkovic Ivana, Patic Aleksandra, Bogavac Mirjana A, Medic Deana, Gusman Vera, Radovanov Jelena, Eric Zelimir, Chlamydia Trachomatis - infections in women (Article), HEALTHMED, (2011), vol. 5 br. 3, str. 549-556
3. Milosevic Vesna S, Kovacevic Gordana V, Hrnjakovic-Cvjetkovic Ivana, Jerant-Patic Vera, Radovanov Jelena, Cosic Gorana, Djermanov Marina, Application of direct immunofluorescence technique in detection of recurrent genital herpes (Article), HEALTHMED, (2011), vol. 5 br. 2, str. 406-412
4. Brkic Snezana, Bogavac Mirjana A, Simin Natasa D, Hrnjakovic-Cvjetkovic Ivana, Milosevic Vesna S, Maric Danijela, Unusual high rate of asymptomatic maternal parvovirus B19 infection associated with severe fetal outcome (Article), JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, (2011), vol. 24 br. 4, str. 647-649, Projest: Provincial Secretariat for Science and Technological Development of Vojvodina [114-451-00592]
5. Radovanov Jelena, Milosevic Vesna S, Radnovic Dragan V, Jerant-Patic Vera, Hrnjakovic-Cvjetkovic Ivana, Kovacevic Gordana V, Detection of Enteroviruses in Clinical Samples of Patients with Aseptic Meningitis by Rapid Antigen Detection Assay (Article), SRPSKI ARHIV ZA CELOKUPNO LEKARSTVO, (2011), vol. 139 br. 11-12, str. 759-764
6. Jerant-Patic Vera, Patic Aleksandra, Milosevic Vesna S, Hrnjakovic-Cvjetkovic Ivana, Radovanov Jelena, Eric Zelimir, Adenoviruses as etiological agents of various Clinical syndromes (Article), HEALTHMED, (2010), vol. 4 br. 2, str. 441-447
7. Bogavac M, Nikolic A, Relic G, Grujic Z, Hrnjakovic Cvjetkovic I, Milosevic V,

Jerant-Patic V. Preterm deliveries-Application of proinflammatory citokine IL-8 as possible marker of infection, Journal of Perinatal Medicine, 2007, Vol. 35, str. 122-123, ISSN 0300-5577.

8. Seguljev Z, Djuric P, Petrovic V, Stefanovic S, Cosic G, Hrnjakovic Cvjetkovic I, Milosevic V, Karagiannis I, Boxall N & Jankovic D. Current measles outbreak in Serbia: a preliminary report. Eurosurveillance 12(3); 2007.

9. Jerant Patić V, Patić A, Milošević V, Hrnjaković Cvjetković I, Radovanov J, Kovačević G, Medić D, Gusman V. Adenovirusne infekcije. Medical Data 1(4); 2009:9-14.

10. Tomašev Branka, Dejan Cvjetkovic, Ivana Hrnjakovic Cvjetkovic, Jovana Jovanovic, Sandra Stefan Mikic, Sinisa Sevic. Clinical presentation of hospitalised Erysipelas cases. HealthMed 6(6);2012:2157-2162.

http://www.drunpp.ba/pdf/healthmed_6_6_web.pdf

2. Reviews

1. Hrnjaković Cvjetković I., Cvjetković D., Petrić D., Milošević V., Jerant-Patić V. Zgomba M. Current knowledge on West Nile Virus infections, Medicinski pregled LXII (5-6); 2009; 231-235, UDK: 578, 7:616.988.25, ISSN 0025-8105. <http://europemc.org/abstract/MED/19650559>

3. Monographs

Chapter in the monograph "Cancer and viruses" Vera Jerant-Patić et al, New developments in the preventive medicine, M. Kulauzov et al, Medical Faculty Novi Sad, 1995, 325

4. Book contributions

1. Test questions in virology and immunology" Vera Jerant-Patić et al. (series repetitoriums), Medical Faculty Novi Sad, "Feljton" Novi Sad, 1996,150

2. "Laboratory exercises in immunology for the students of pharmacy" Vera Jerant-Patić et al, "Budućnost" Novi Sad, 2002,120

3. "Laboratory exercises in immunology and virology" Vera Jerant-Patić et al, "Ortomediks" Novi Sad, 2008,159

4. I.B. Hrnjakovic Cvjetkovic, J.P. Radovanov and V.S. Milosevic. In Essays on Fundamental and Applied Environmental Topics. Nova Science Publishers. Mihailovic, D., ed Chapter 11: Predominant Enterovirus Serotypes in the Vojvodina Region (Serbia), p.225-252.

5. Other pertinent publications

1. Bogavac M, Nikolic A, Grujic Z, Mitreski A, Suvajdzic LJ, Hrnjakovic Cvjetkovic I, Milosevic V, Jerant Patic V. Preterm deliveries-Application of proinflammatory citokines as possible markers of infection, In Abstracts book of 8th World congress of Perinatal medicine; 2007 September; Florence-Italy: 353- 357

2. Radovanov J, Milosevic V, Radnovic D, Jerant Patic V, Hrnjakovic Cvjetkovic I, Kovacevic G. Detection of enteroviruses in clinical specimens from patients with aseptic meningitis by rapid shell vial culture technique. In: Abstracts of 6th Balkan Congress of Microbiology; 2009 Ohrid, Makedonija: 90.

3. Jerant Patić V, Milošević V, Hrnjaković-Cvjetković I., Radovanov J, Kovačević G. Adenovirus infections in children. 6th Congress of Medical Microbiology, Mikromed 2008; 2008 11-14 jun; Udruženje medicinskih mikrobiologa Srbije; Beograd: 231-232.

4. Milošević V, Jerant Patić V, Hrnjaković-Cvjetković I., Radovanov J. Human parvovirus B19 infections in pregnancy. 6th Congress of Medical Microbiology, Mikromed 2008; 2008 11-14 jun; Udruženje medicinskih mikrobiologa Srbije; Beograd:191-192

5. Hrnjaković-Cvjetković I, Cvjetković D, Jerant Patić V, Milošević V, Radovanov J.: A survey of antibody to influenza depending on parainfluenza virus infection, 6th Congress of Medical Microbiology. 2008 11-14 jun; Udruženje medicinskih mikrobiologa Srbije; Beograd: 189- 190.
6. Hrnjaković Cvjetković I, Cvjetković D, Petrić D, Zgomba M, Jerant-Patić V, Milošević V, Radovanov J, Kovačević G, Vukadinov J, Doder, R, Ignjatović Čupina A, Marinkov D. West Nile Virus infections: importance and diagnostics. In: Zbornik radova simpozijuma XI Epizootiološki dana; 2009 1-4. april; Apatin:172-174.
7. Hrnjaković Cvjetković I, Cvjetković D, Milošević V, Jerant Patić V, Radovanov J, Kovačević G. Serologic investigation on influenza virus – season 2008/2009. VII Congress of Microbiologists of Serbia. Association of microbiologists of Serbia. Association of medical microbiologists of Serbia, Institute of hygiene and meat technology. Belgrade, 3-5 jun 2010.
8. Milošević V, Jerant Patić V, Hrnjaković Cvjetković I, Kovačević G, Radovanov J, Đermanov M. Diagnostics of genital herpes by direct immunofluorescence. VII Congress Microbiologists of Serbia. Association of microbiologists of Serbia. Association of medical microbiologists of Serbia, Institute of hygiene and meat technology. Belgrade, 3-5 jun 2010.
9. Jerant Patić V, Milošević V, Hrnjaković Cvjetković I, Radovanov J, Kovačević G, Patić A. Importance of Epstein Barr virus in our population. VII Congress of Microbiologists of Serbia. Association of microbiologists of Serbia. Association of medical microbiologists of Serbia Institute of hygiene and meat technology. Belgrade, 3-5 jun 2010.
10. Vera Jerant Patić, Zora Jelesić, Marija Kulauzov, Vesna Milošević, Mira Mihajlović Ukropina, Ivana Hrnjaković Cvjetković, Gordana Bojić, Deana Medić. Vera Gusman, Gordana Kozoderović. New methods in microbiology. In: New developments in medicine, stomatology, pharmacy and related disciplines. Proceedings from 50th anniversary of Medical faculty in Novi Sad. Ed. Biljana Drašković, Medical Faculty Novi Sad, 2010: 47-58.
11. Milošević V, Kovačević G, Hrnjaković Cvjetković I, Radovanov J, Elez I, Patić A. Frequency of multiple HPV genotypes in women from Vojvodina, Serbia. STI&AIDS World Congress; 2013; Vienna. Sexually Transmitted Diseases 2013; 89(Suppl 1):164.
12. Kovačević G, Milošević V, Hrnjaković Cvjetković I, Jerant Patić V, Radovanov J, Filko V. Proportion of Sexually Transmitted Diseases of Virus Etiology in Population of Juznabacka District. In Book of abstracts: 7th European Congress on Tropical Medicine & International Health. Barcelona, 3-6, October, 2011, pp 36-37.