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Biochemistry in Sport

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Date/place of birth: 04. 03. 1958. Priština

Nationality: Serbian

Language proficiency: English

Education:

- 2003 Subspecialisation in Clinical Imuno-Chemistry
- 1999 Ph D thesis, Pharmaceutical Faculty, University in Belgrade,
Ph D thesis: Determination of cytokines in early stages of development of oocytes during in vitro fertilization.
- 1991 Specialist of Medical Biochemistry, Pharmaceutical Faculty, University in Belgrade,
- 1987 Ms Sci of Pharmaceuticla Science, Pharmaceutical Faculty, University in Belgrade,
Ms Sci thesis: Determination of lactate concentration as a characteristic of anaerobic work ability at athletes.
- 1981 B Sc, Pharmaceutical Faculty, University in Belgrade,
Grade average: 9.00 (out of 10)

PROFESSIONAL EXPERIENCE

- 2005 - present Position: Professor, Pharmaceutical Faculty, Department of Medical Biochemistry,
- 1992 - present Chief of Laboratory haematology and hemostasis department, Clinical Centre of Serbia, Institute for Medical Biochemistry, Polyclinic, Belgrade.
- 1999 - 2005 Assistant profesor, Pharmaceutical Faculty, Department of Medical Biochemistry and Clinical Chemistry, University in Belgrade,
- 1989 - 99 Asistent, Pharmaceutical Faculty, Department of Medical Biochemistry and Clinical Chemistry, University in Belgrade,
- 1987 Medical Biochemist, Clinical Centre of Serbia, Institute for Medical Biochemistry,
- 1984 - 1987 Medical Biochemis, "Stari grad" - Hospital, Beograd
- 1982 - 1983 B Sc pharmaceuticst, Pharmaceutical Office "Beograd", Beograd.

FOLLOWING ACTIVITIES

2006 – present Ministry of Health of R Serbia, member of Experts Comitee for New Medical Technology

Scientific and Research Articles

Articles in Leading International Journals (M 21, M 22, M 23)

1. Jevremović M, Kartaljević G, **Jelušić V**, Vodnik T, Pešić M, Filipović S (1997) Determination of thymosin α 1 with enzyme-immunoassay in colorectal cancer patients. *Archive of Oncology*, 5(4): 139-44.
2. Antunović P, Marisavljević D, Kraguljac N, **Jelušić V**. (1998). Severe hypercalcemia and extensive osteolytic lesions in adult patient with T cell acute lymphoblastic leukemia. *Medical Oncology*, 15: 58-60.
3. **Jelušić V**, Ljubić A, Veljković M, Majkić-Singh N. (2000). Cytokines in follicular fluid of women undergoing in vitro fertilization. *Jugoslav Med Biochem*, 19 (2): 87-93.
4. Ljubić A, Cvetković M, Šulović V, **Jelušić V**, Zdravković T, Motrenko T. (2001). What is the role of proinflammatory cytokines in follicular fluid during in vitro fertilization. *International proceedings division Monduzzi editore*, B907C0111: 79-85.
5. **Dopsaj V**, Ljubić A, Sumarac Z. (2003). sICAM in early embryo cultures during in vitro fertilization. *International proceedings division Monduzzi editore*, D601C1021: 323-326.
6. Šumarac Z, **Dopsaj V**, Tulić I, Dajak M, D Vukosavljević, S Jovičić, N Majkić-Singh (2004). The effect of hormonal therapy on hemostatic parameters in in vitro fertilization. *Jugoslav Med Biochem*, 23 (1); 37-42.
7. Simić-Ogrizović S, **Dopsaj V**, Jovčić S, Milenković D, Jovanović D, Nesić V. (2007) The most important factor for active urinary stone formation in patients with urolithiasis. *Med Pregl*. 60 Suppl 2:117-20.
8. **Dopsaj V**, Šumarac, Z., Novaković, N., **Dopsaj M**. (2008). Determination of parameters of iron status in evaluation of anemia in elite young Serbian water polo players. *Serb J Sports Sci*. 2(1-4): 91-99.
9. Lezaic V, Tirmenstajn-Jankovic B, Bukvic D, Vujisic B, Perovic M, Novakovic N, **Dopsaj V**, Maric I, Djukanovic Lj. (2009) Efficacy of hyperphosphatemia control in the progression of chronic renal failure and the prevalence of cardiovascular calcification. *Clin Nephrol*. 71(1):21-9.
10. Simic Ogrizovic S, Jovanovic D, **Dopsaj V**, Radovic M, Sumarac Z, Bogavac SN, Stosovic M, Stanojevic M, Nesić V. (2009) Could depression be a new branch of MIA syndrome? *Clin Nephrol*. 71(2):164-72.

Articles in International Proceedings – abstracts (R 72)

1. Gavrilović P, Lekić D, **Jelušić V**. The influence of loading trend during intermittent exercise on the blood lactate concentration. XIX Congress of Union of Physiol Society, Belgrade, 1988.
2. Obradović I, **Jelušić V**, Vukosavljević D, Savović D, Majkić-Singh N. Serum erythropoietin concentration and anemia in patients on haemodialysis. XIV Internat. congress of Clinical Chemistry, London, 8-12 July, 1996.
3. **Jelušić V**, Ljubić V, Veljković M, Majkić-Singh N. Determination of interleukin-1 and interleukin-6 in human follicular fluid of in vitro fertilized patients. *Balkan Journal of Clinical Laboratory* 1996; 3: 91.
4. **Jelušić V**, Ljubić A, Veljković M, Majkić-Singh N, Dimitrijević M. TNF- α and IL-1 β in human follicular fluid and embryo culture media. *European cytokine network* 1996; 7: 634.
5. **Jelušić V**, Ljubić A, Veljković M, Majkić-Singh N, Dimitrijević M. Are attraction of spermatocytes and adhesion to oocyte mediated by IL-8? *Cytokine* 1997; 9: 11.
6. **Jelušić V**, Ljubić A, Dragojlović Z, Majkić-Singh N. the relation between follicular fluid cytokines and steroids of in vitro fertilization patients. 12th Eur Congress of Clinical Chemistry, Basel, 17-21 avg 1997.
7. **Jelušić V**, Ljubić A, Veljković M, Majkić-Singh N. Pro-inflammatory cytokines in follicular fluid during IVF. *Human reproduction* 2000; 15: 140.
8. **Jelušić V**, Ljubić A, Majkić-Singh N. The role of cytokines in reproduction. *Jugoslav Med Biochem* 2000; 19(3): 166.
9. **Jelušić V**, Jovetić M, Ljubić A. The concentration of lamellar bodies as a marker of fetal lung maturity. *Clin Chem Lab Med* 2001; 39: S211.
10. Sumarac Z, **Dopsaj V**, Vodnik T, Dajak M, Majkić-Singh N. Ovarian stimulation for in vitro fertilization induced changes in hemostasis. *Clin Chem Lab Med* 2003; 41: S127.
11. **Dopsaj V**, Sumarac Z, Ljubić A. sICAM-1 in early embryo cultures during in vitro fertilization. *Clin Chem Lab Med* 2003; 41: S123.
12. **Dopsaj V**, Dopsaj, M., Šumarac, Z. (2005). Iron status in top young waterpolo players during intensive training, Book of Abstracts European College of Sport Science, Belgrade, 13-16 July 2005, pp. 351.
13. **Dopsaj V**, Dopsaj, M., Sumarac, Z., Novakovic, N., Jovicic, S. (2006). Iron status parameters of elite young water polo players after the competition seasons, *Portugese Journal of Sport Sciences*, 6(1):81.
14. Martinovic, J., **Dopsaj V**, Dopsaj, M., Nesić, G. (2008). Effects of specific training on oxidative stress and antioxidant status and hematological parameters in elite female volleyball athletes, Rizos Demetrios (Eds.) Book of Abstracts XVI Meeting of Balkan Clinical Laboratory Federation & 7th Hellenic Congress of Clinical Chemistry (p. 98), 16-18 October 2008, Athens, Greece.

University Books

1. **Dopsaj V.** (2002). Author at 3 chepters: I (13-72) Cause in Haematology, Quality controle of work in haematology laboratory, Automatization in haematology laboratory, Methods for determination of haematology parameters, II (201-211) Physiological mechanismus of hemostasis, III (211-255) Haemostasis disorders; in: Pertović, M. V. (Ed.), Laboratory Haematology, Belgrade.

Monographs (R 13)

1. **Dopsaj, V.**, Jelić-Ivanović, Z., Marisavljević, D., Mitić, G., Terzić, B., Matic, G. (2005). Anticoagulation therapy – clinical and laboratory aspects. Pharmaceutical Faculty, University of Belgrade, Belgrade.
2. **Dopsaj, V.**, Spasojević-Kalimanovska, V., Marisavljević, D., Terzić, B., Memon, L. (2006). Basic of laboratory diagnostic and treatment of anemia, Pharmaceutical Faculty, University of Belgrade, Belgrade.

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