

Name: Tatjana Pavlica

Full Professor at the Faculty of Sciences Novi Sad

Contact information:

University of Novi Sad

Faculty of Sciences

Department for Biology and Ecology

Trg Dositeja Obradovića 2

21000 Novi Sad

Serbia

Phone: +381 21 485 2687

E-mail: tatjana.pavlica@dbe.uns.ac.rs

Education and Degrees:

- B.Sc.in Biology, Faculty of Sciences, University of Novi Sad, 1989
- M.Sc., Faculty of Sciences, University of Novi Sad, 1997 (title of the Master Thesis: “Bioanthropological characteristics of the adult population of Srem”)
- Ph.D. Faculty of Sciences, University of Novi Sad, 2009 (title of the PhD Thesis:” Anthropological characteristics of the adult population of Bačka and Banat”)

Positions Held:

- Employed at the Department for Biology and Ecology Faculty of Sciences Novi Sad since 1990
- Teaching Assistant 1990-2009
- Assistant Professor 2010-2014
- Associate Professor 2015-2019
- Full Professor since 2020
- Member of the Teacher-Research board of the Faculty of Sciences Novi Sad 2000-2002
- Member of the Survey team for evaluation of the teaching process by students 2008-2013
- Deputy Chairman of the Committee for Quality and Self-Evaluation of the Faculty of Sciences since 2018

Lecturer:

- Human Biology for B.Sc and M.Sc students of biology, Faculty of Sciences
- Education in Sexual maturation for M.Sc students of biology, Faculty of Sciences
- Biological Anthropology for Ph.D. students of Biology, Faculty of Sciences

Teaching and research interest

Physical Anthropology; Biometric and population genetic traits of human populations; Genetic traits of human populations; Somatic growth and development of children and adolescents; Quantitative traits; Qualitative traits; Sexual maturation; Acceleration and secular trend.

Participation in international research projects:

- “Variability of morphofunctional indicators in the population of Belarus and Vojvodina (Serbia)”2013-2016, bilateral cooperation

Participation in national research projects:

- “Anthropological characteristics of the inhabitants of Vojvodina”, 1990, 1991, 1994, 1995
- “Anthropological characteristics of children and youth of Yugoslavia”, 1990, 1991
- “Determining and assessing ecological changes in the living world caused by the new situation in the city of Novi Sad”, 1999-2002.
- “Influence of physical activity on risk factors in the working population”, 2011-2015

Professional Society Memberships:

- Anthropological Society of Yugoslavia, 1990-2007
- Anthropological Society of Serbia, 2008 –

Editorial Boards:

- Journal of the Anthropological Society of Serbia, since 2008
- Annals of Human biology, since 2017
- Anthropological researches and studies, since 2014

Membership in the scientific boards of conferences

- XXVIII Congress of Anthropological Society of Yugoslavia with international participation. 40th Anniversary of Anthropological Society of Yugoslavia. Novi Sad 15th-17th October 1999
- XLII Congress of Anthropological Society of Yugoslavia with international participation. Sombor 28 -30 May 2003.
- XLIII Congress of Anthropological Society of Yugoslavia with international participation. Čačak 26 -30 May 2004
- XLIII Congress of Anthropological Society of Yugoslavia with international participation. Banja Junaković, Apatin 29 May - 02 June 2007
- XLVII Congress of Anthropological Society of Serbia with international participation. Kruševac 27 - 31 May 2008
- XLIX Congress of Anthropological Society of Serbia with international participation. Vrdnik 31 May - 04 June 2010
- 50th Jubilee Congress of Anthropological Society of Serbia with international participation. Jagodina 01 - 04 June 2011
- 52nd Congress of Anthropological Society of Serbia with international participation. Novi Sad 05 - 08 June 2013

- 54th Congress of Anthropological Society of Serbia with international participation. Sremski Karlovci 01 - 04 June 2016
- Individual, family, society - contemporary challenges, May 27 - 28. 2014, Bucharest, Romania
- Simpozion Zilele Francisc I. Rainer Antropologie si sanatate, 23 - 24 Aprilie 2015, Romania
- International Conference Socio-psycho-medical changes in the lifestyles of the contemporary family. October 7th, 8th, 2015, Romania
- Международной научно – практической конференции „Современные проблемы антропологии в условиях социальных и техногенных трансформаций”, Минск, 28 – 30 июня 2016, Belarus
- Simpozionul National "Zilele Francisc I. Rainer" 2017, dedicat personalitatii Acad. Vladimir Trebici 101 ani de la nastere, cu tema ANTROPOLOGIE SI DEMOGRAFIE, 27-29 aprilie, Bucuresti, Romania
- International Conference Individual, Family, Society - Contemporary challenges, second edition, Bucharest, Romania, 4th - 5th October, 2017
- Simpozion National cu participare internationala Zilele Francisc I. Rainer, ANTROPOLOGIE SI MANAGEMENT, aspecte bio-medicale, socio-culturale si economice, Arad, Romania, 18-19 Octombrie 2018
- International Conference Individual, family, society - contemporary challenges, third edition, Bucharest, Romania, October 9th, 10th, 2019.
- Международной научно – практической конференции „ Междисциплинарные подходы в антропологических исследованиях этнокультурных регионов Минск, 24 – 26 июня 2019.

Representative publications:

- **Pavlica T**, Božić - Krstić V, Rakić R. 2010. Body mass index, waist-to-hip ratio and waist/height in adult population from Backa and Banat - the Republic of Serbia. *Ann Hum Biol* 37(4): 562-573
- Rakić R, Božić - Krstić V, **Pavlica T**. 2011. Relationship between overweight, obesity and socioeconomic factors of adolescents in Vojvodina, Serbia. *HOMO-Journal of Comparative Human Biology*, 62, 307-313
- Верица Божић - Крстић, **Татјана Павлица**, Рада Ракић (2004): Body height and weight of children in Novi Sad, *Annals of Human Biology, Journal of the Society for the Study of Human Biology*, Taylor@Francis, Vol. 31, No 3, pp 356 – 363
- **Pavlica T**, Božić - Krstić V, Rakić R. 2010. Relationship between adult stature, BMI and WHR in Backa and Banat. *Anthrop. Anz* 68(1), 31-41.
- **Pavlica T**, Božić - Krstić V, Rakić R, Sakač D. 2012. Prevalence of overweight and obesity in adult rural population of the northern part of Bačka and Banat. *Vojnosanit Pregl* 69(10): 833-839.
- Sakač D, Koračević G, **Pavlica T**, Sekulić S. 2012. Fabry disease, do we think enough about this multisystemic disorder, A presentation of three cases in a Serbian family. *Vojnosanitetski pregled* 69(7): 620-627.

- **Pavlica T**, Mikalački M, Matić R, Korovljev D, Čokorilo N, Vujkov S, Srdić B, Sakač D. 2013. Relationship between BMI and Skinfold Thicknesses to Risk factors in Premenopausal and Postmenopausal Women. *Coll.Antropol.*37Suppl.2:119-124.
- **Pavlica T**, Rakić R, Đurićanin A, Korovljev D, Srdić B. 2012. Growth and Nutritional Status of Children and Adolescents from 7 to 19 Years of Age in the Town of Jagodina - Central Serbia. *Health MED* 6(1): 284-293.
- **Pavlica T**, Božić- Krstić V., Rakić R. 2010. Correlation of vital lung capacity with body weight, longitudinal and circumference dimensions. *Biotechnology and Biotechnological Equipment*, Vol 24(2):325-328.
- **Pavlica T.**, Rakić R., Božić-Krstić V., Srdić-Galić B. 2018. Secular trend of head and face shape in adult population of Vojvodina (Serbia). *Ann Hum Biol.* 26:1-7.
- **Pavlica T.**, Rakić R., Popović B., Puškaš V. 2018. Secular trend in growth and nutritional status in a sample of girls aged 7 -9 years from Serbia. *HOMO Journal of Comparative Human Biology.* 69(5): 280-286
- Biljana Srdić Galić, **Tatjana Pavlica**, Mirjana Udicki, Edita Stokić, Milena Mikalački, Darinka Korovljev, Nebojša Čokorilo, Zorka Drvendžija, Dragan Adamović. 2016. Somatotype characteristics of normal-weight and obese women among different metabolic subtypes. *Arch Endocrinol Metab*, 60(1): 60-65.
- Rakić R., **Pavlica T.**, Jovičić D. 2016. Overweight and obesity in children and adolescents from Serbia in the period 2001-2004 and 2011-2014. *Anthropol.Anz.* 73(2): 109-116.
- **Pavlica T.**, Rakić R., Šironjić T. (2017) Changes in Morphological Characteristics During the Period 2005 - 2014 in a Sample of Serbian 7 - Year-Old Children. *Int.J.Morphol.* 35(2): 691-697.
- Rakić R., **Pavlica T.**, Smajić M., Bjelanović J. 2019. Nutritional status and prevalence of abdominal obesity in adolescents aged 11 to 15 years in Vojvodina (the Republic of Serbia). *Progress in Nutrition*, 21(3): 598-604.
- Bjelanović J., Petrić T., **Pavlica T.**, Rakić R., Dragić N., Bijelović S., Bjelica A. 2020. Nutritional habits of people with type two diabetes mellitus. *Progress in Nutrition*, 22(1):90-95.
- Udicki M., Adamović D., Srdić-Galić B., **Pavlica T.**, Radovanović Z. 2020. Anthropometric and somatotype characteristics of women with breast cancer. *Int.J.Morphol.*38(2):448-457.
- Rakić R., Pavlica T., Bjelanović J., Vasiljević P. 2019. Predictive Ability of Waist-to-Hip-Ratio and Waist-to-Height-Ratio in Relation to Overweight/Obesity in Adolescents from Vojvodina (the Republic of Serbia). *Progress in Nutrition*, 21(4): 992-998. DOI: 10.23751/pn.v21i4.8928.

Participation in recent scientific conferences

- **Pavlica T.**, Sikora Č., Rakić R. Attitudes towards homosexuality in a sample of Novi Sad (Serbia) population. Intepnational Conference “Socio-psycho-medical changes in the life style of the contemporary family”. Francisc I. Rainer Anthropology Institute of the Romanian Academy.October 7-8, 2015, Bucharest, Romania.p 42-43
- Rakić R., Božić-Krstić V., **Pavlica T.**, Belić B., Tegako L. Anthropometric traits in children from Vojvodina (The Republic of Serbia) and Belarus. Intenational Conference

“Socio-psycho-medical changes in the life style of the contemporary family”. Francisc I. Rainer Anthropology Institute of the Romanian Academy. October 7-8, 2015, Bucharest, Romania. p 44

- Rada R., **Pavlica T.** Supraponderalitatea și obezitatea la copiii și adolescenții din Voivodina relativ la valorile de referință. Simpozion internațional interdisciplinar, Natura și Omul, ediția a XXVI-a, „Natură-om-alimentație”. 22-24 octombrie 2015, Prahova. p51
- **Pavlica T.**, Rakić R., Sladaković D. Anthropological characteristics of preschool children in suburban areas of Novi Sad. Caracteristici antropologice ale copiilor preșcolari în zonele suburbane ale orașului Novi Sad. Simpozion internațional interdisciplinar, Natura și Omul, ediția a XXVI-a, „Natură-om-alimentație”. 22-24 octombrie 2015, Prahova. p48
- **Pavlica T.**, Rakić R., Đukić N. Relationship between body shape index and body roundness index with anthropometric characteristics and obesity indices. 4th International Scientific Conference Exercise and Quality of Life. Novi Sad 22-23 April 2016. p41
- Rakić R., **Pavlica T.**, Herubel O. The relationship between waist circumference and body mass index, socio-demographic factors and lifestyle of schoolchildren from the city of Novi Sad. 4th International Scientific Conference Exercise and Quality of Life. Novi Sad 22-23 April 2016. p42
- Rakić R., Hurbo T., Božić-Krstić V., **Pavlica T.**, Marfina O., Belić B. Comparative analysis of skinfold thickness and relative body fat in total weight of children and adolescents from Novi Sad (Vojvodina-The Republic of Serbia) and Miory (Belarus). 54th Congress of Anthropological Society of Serbia, with international participation, Sremski Karlovci, June 1st-4th, 2016. p26.
- Udicki M., Srdić-Galić B., **Pavlica T.**, Babović S., Krstonošić B., Radošević D., Žigić S., Perić R. The relationship between age of menarche and height in premenopausal women. 54th Congress of Anthropological Society of Serbia, with international participation, Sremski Karlovci, June 1st-4th, 2016. p28.
- **Pavlica T.**, Rakić R., Đukić N., Korovljević D. Anthropological characteristics and risk for osteoporosis in adult population of Vrbas. 54th Congress of Anthropological Society of Serbia, with international participation, Sremski Karlovci, June 1st-4th, 2016. p37.
- Srdić-Galić B., Stokić E., **Pavlica T.**, Udicki M., Drvendija Z., Rastović M., Perić R., “Cardiometabolically healthy obesity” as an anthropological phenomenon. 54th Congress of Anthropological Society of Serbia, with international participation, Sremski Karlovci, June 1st-4th, 2016. p70.
- **Pavlica T.**, Rakić R., Šironjić T. Telesni status dece od 7 godina u opštini Beočin od 2005. do 2014. godine. 5 Congress of Serbian Anatomical Society of Serbia with international participation, Novi Sad, September 8 - 10, 2016. p94
- Udicki M., Srdić-Galić B., Žigić S., **Pavlica T.**, Krstonošić B., Radošević D. Analiza vrednosti antropometrijskih pokazatelja kod žena obolelih od karcinoma dojke u odnosu na zdrave žene. 5 Congress of Serbian Anatomical Society of Serbia with international participation, Novi Sad, September 8 - 10, 2016. p95
- **Pavlica T.**, Rakić R., Izela M. 2017. Trends in growth and nutritional status of girls aged 12 to 14 years from Zrenjanin (The Republic of Serbia). Simpozionul National, “Zilele Francisc. I. Rainer” 2017. Dedicat personalității Acad. Vladimir TREBICI-101 ani de la

nastere, cu tema, ANTROPOLOGIE SI DEMOGRAFIE, 27-29 aprilie 2017, Bucuresti, Romania. p.122

- Rakić R., **Pavlica T.**, Isak S. Chest circumference of puberty children in the city of Novi Sad (the Republic of Serbia). The fifth issue of SCA is dedicated to the International Conference entitled “Individual, family, society - contemporary challenges”, second edition, October 4-5, 2017 Bucharest, Romania.str. 76
- **Pavlica T.**, Rakić R., Dulović A. Secular changes of morphological characteristics of schoolchildren in the city of Novi Sad (Serbia). The Interdisciplinary International Symposium Nature and Human, the XXVIIIth edition, “NATURE - book and teacher for all”. 16 - 17 November 2017, The County Museum of Natural Sciences Prahova, Ploiesti. Program and abstracts, pp 58-59
- Rakić R., **Pavlica T.**, Damnjanović J. Relationship between the age at menarche and nutritional status of school girls aged 11 to 15 in the town of Osečina (The Republic of Serbia). The Interdisciplinary International Symposium Nature and Human, the XXVIIIth edition, “NATURE - book and teacher for all”. 16 - 17 November 2017, The County Museum of Natural Sciences Prahova, Ploiesti. Program and abstracts, pp 62
- Rakić R., **Pavlica T.**, Damnjanović J., Puškaš V. Prevalence of general and abdominal obesity in adolescents. 55th Congress of Anthropological Society of Serbia - Zlatibor, May 23rd-26th 2018. p43
- Puškaš V., Pavlica T., Rakić R. Physical and nutritional status of children between 7 to 15 years of age in North Backa region. 55th Congress of Anthropological Society of Serbia - Zlatibor, May 23rd - 26th 2018. p.36.
- **Pavlica T.**, Chaplinskaya E., Hurbo T., Mezen N., Sakhno I. Comparison of physical development and nutritional status of Serbian and Belarusian students. 55th Congress of Anthropological Society of Serbia - Zlatibor, May 23rd-26th 2018. p35
- Srdić Galić B., Udicki M., Adamović D., **Pavlica T.** Parameters of longitudinal and transversal body dimensions in women with breast cancer. 55th Congress of Anthropological Society of Serbia - Zlatibor, May 23rd-26th 2018. p89
- Baciú A., **Pavlica T.**, Rakić R. Drug use - from tradition to addiction. The Interdisciplinary International Symposium Nature and Human the XXIXth edition, “TRADITIONS-connection between Man and Nature”. 14-16 September 2018, The Salt Museum Prahova, Slănic. p.36-37.
- **Pavlica T.**, Rakić R. Total body skeletal muscle mass in children and adolescents. International Conference: Individual, family, society - contemporary challenges, 3rd edition, 9 to 10 October 2019, Bucharest, Romania. Abstrakt objavljen u Studii si cercetari de Antropologie, Nr. 6, 2019. p 45
- Rakić R., **Pavlica T.**, Herubel O. Predictability of abdominal obesity indicators for assessing general obesity in adolescents. Novi Sad Serbia 11-13 April 2019. Abstract printed in BMC Sports Science, Medicine and Rehabilitation 2019 11(Suppl 1): 7. Abstracts from the 5th International Scientific Conference on Exercise and Quality of Life. Edited by: Ostojic S., Drid P., Djordjic V. et al
- Puškaš V., **Pavlica T.**, Rakić R. Body mass index and blood pressure-to-height ratio in predicting the incidence of hypertension in children. Novi Sad Serbia 11-13 April 2019. Abstract printed in BMC Sports Science, Medicine and Rehabilitation 2019 11(Suppl 1):

7. Abstracts from the 5th International Scientific Conference on Exercise and Quality of Life. Edited by: Ostojic S., Drid P., Djordjic V. et al

- **Pavlica T.**, Rakić R. Total body skeletal muscle mass in children and adolescents. Abstract printed in Anthropology Studies and Research 6/2019 (ISSN 2344-2824; ISSN-L 0039-3886). International Conference Individual, Family, Society CURRENT CHALLENGES", THIRD EDITION, October 9–10, 2019, Bucharest, Romania. p.45.
- Puškaš V., **Pavlica T.**, Rakić R. Menarche in girls from North Bačka region. MOBILITY 13th International Interdisciplinary Scientific Conference. University of Novi Sad, Hungarian Language Teacher Training Faculty in Subotica, October 17-19, 2019, Subotica Serbia p. 34
- Rakić R., **Pavlica T.**, Đuriš G. Prevalence of general and central obesity in girls aged 11-15 in the town of Subotica. 13th International Interdisciplinary Scientific Conference 2019. University of Novi Sad, Hungarian Language Teacher Training Faculty in Subotica, October 17-19, 2019, Subotica Serbia p. 34