

REVIEW

For competition for the academic position professor for the subject “Anatomy, Histology and Cytology”, higher education, field 7. Health care and sport, Medical education 7.1. Medicine, for the needs of Medical College Thracian University, Stara Zagora, with one candidate associated professor Tania Todorova Kitova. The information about the competition was announced in the site of Thracian university and was published in the State Gazette No 30/13.April 2021.

Reviewer: Academician Vladimir Ovcharov

The review was written according with the regulations of the Law for the Development of Academic Staff of the Republic of Bulgaria in accordance with the rules and regulations for the development of the academic staff of Thracian University – Stara Zagora

Assoc. professor Tania Todorova Kitova was born on July 12th, 1958 in Karlovo. She obtained her high school diploma in Plovdiv in school with Russian teaching and graduated Medicine in Medical Faculty of Medical University Plovdiv in 1984. In the same year she become assistant position in Department of Anatomy, Histology and Embryology of the Medical Faculty of Medical University Plovdiv, where she still works. In 1989 she received specialty Anatomy, Histology and Cytology, and in 1990 become senior assistant and in 1993 - chief assistant. In 2011 she acquire specialty fetopathology and pathology of placenta in Universite Paris Diderot – Paris 7 France - Diplome interuniversitaire de pathologie foetale et placentaire, Paris, 2012. In 2013 she acquired the educational and scientific degree “Doctor” and in 2018 acquired “Doctor of Sciences”. Assoc. professor Tania Todorova Kitova specialized from 2006 till 2009 in the department of Embryo-fetopathology Tunis, Tunis. She had

specialization in Medical University Hanoi, Vietnam, in Medical University Karaganda, Kazakhstan and in Medical University Erevan, Armenia.

Her scientific activity is represented in 34 scientific papers (in Scopus and Web of Science), 18 papers in journal with Impact Factor, 11 chapters in monograph, 42 in scientific collections and 15 summaries in journals. She took part in 71 , congresses, conferences and symposia as 27 in Bulgaria and 44 abroad, as well as is author of 5 monographs, as in 2 is single author. Assoc. professor Tania Kitova is author and coauthor of 5 textbooks. Her Impact Factor is 19.853 and h-index is 4. For the competition for assoc. professor she had 49 publications and now for the professor she had additional 53 scientific papers. In this period of time assoc. professor Tania Kitova has published 11 papers in international journals with Impact Factors, indexed in Scopus and Web of Science, 9 papers indexed in Scopus and Web of Science, 41 papers non indexed in Scopus and Web of Science. She had written 9 chapters in Bulgarian monograph and 1 chapter in international monograph.

Scientific studies and contributions before her first attainment of academic rank could be divided in five groups. In the first group are included her contributions for study and diagnostics of defects of neural tube and some malformations of brain and some internal organs. In the second group of contributions are included her study of blood vessels in the nervous system and some pathological problems with its injury. In the third group could be included the described AVM in the region of external carotid artery, which could be confused with tumor. In the fourth group are included anthropologic data. In the fifth group could be taken into consideration that she guided students to scientific work and as result were published scientific papers in good journals.

Scientific studies and contributions after her attainment of academic rank, as assoc. professor could be divided in six groups. In the first group, in which are included 31 papers, were studied the risk for different possible malformations of the fetus and the risk factors for intrauterine dead. The more often genetic anomalies were studied. She described rear phenotype-genotype correlation of atelencephalic aprosencephay with trisomy 13 karyotype. Associated professor Kitova established case with thoracolumbal myelomeningocele, as a cause was that the pregnant woman worked in environment with heavy metals. For the first time in the world literature was described new phenotype syndrome of Turner. In the second group in which are included 8 papers, were studied with original contribution were described basic types of stress with theoretical and practical meaning. Some pathological changes were described in the placenta, as a result of maternal diabetes, which could disturb the normal course of pregnancy. In the third group, in which are included 13 papers, were studied anatomical variations of blood vessels of nervous system and clinical problems after their injuries. The fourth group of contributions was connected with some diseases of the spinal cord. This findings were described in 7 scientific papers. In fifth group of contributions were included data from the evaluation and monitoring of medical education in Medical universities in Bulgaria and on line education during COVID-19 pandemic. The results were described in 11 papers. In the sixth group were included some scientific and academic contributions.

General conclusion

Based on my positive assessment of scientific and teaching qualities, I proposed that the Scientific Jury to select the candidate Associated Professor Dr Tania Todorova Kitova for the academic position "Professor" for the subject

“Anatomy, Histology and Cytology ”, higher education, field 7. Health care and sport, Medical education 7.1. Medicine, for the needs of Medical College of Thracian University, Stara Zagora, as she answer to all requirements in the professional field for this position.

June, 29th, 2021

Reviewer:



Academician Vladimir Ovcharov