

О P I N I O N

by Assoc. Prof. Vladimir Hristov Gonchev, MD, PhD

Faculty of Medicine at the University "Prof. Dr. Asen Zlatarov", Burgas,
Member of the scientific jury, according to order № RD - 244 / 21.12.2020 of the Rector of
the University "Prof. Dr. Asen Zlatarov"-Burgas

Subject: Participation in a competition for the academic position of "Associate Professor" in the field of higher education 7. Health and sports, professional field 7.1. Medicine, in the scientific specialty "Internal Medicine", for the needs of the Medical Faculty at the University "Prof. Dr. Asen Zlatarov" - Burgas, published in the State Gazette, issue 90 of 20.10.2020

Two candidates took part in the announced competition and were admitted:

1. Petya Kamenova Petkova, MD, PhD
2. Svetlin Nedkov Tsonev, MD, PhD

The candidates have submitted all the necessary documents for participation in the competition, corresponding to the requirements of the Law for development of the academic staff in the Republic of Bulgaria and "Prof. Dr. Asen Zlatarov" - Burgas.

Brief biographical and professional data on the development of the candidates

Dr. Petya Kamenova is born in 1960. In 1984 he graduated medicine - at the Higher Medical Institute, Medical Academy, Sofia. - 1986 is a clinical resident in the Second Internal Ward, Regional Hospital, Pirdop. Since 1986, after a competition, she has been appointed an assistant, later in 1990 a senior assistant, and since 1993 she has been a senior assistant at the Diabetes Clinic, Scientific Institute of Endocrinology and Gerontology, Medical Academy, Sofia. In 1990 he acquired a degree in Internal Medicine and in 1992 a degree in Endocrinology and Metabolic Diseases.

In 2004 Dr. Kamenova was awarded the educational and scientific degree "Doctor" on the basis of a dissertation on "Insulin sensitivity and cardiovascular risk factors in type 2 diabetes."

At the time of the competition, Dr. Kamenova has a total work experience of 35 years and 10 months and holds the academic position of "assistant", "senior assistant" and "chief assistant" for a total of 34 years and 5 months.

Dr. Kamenova speaks English and Russian.

Dr. Svetlin Nedkov Tsonev is born in the town of Razgrad on April 19, 1981. In 1995–2000 he graduated from the Secondary School of Music "Acad. N. Obreshkov", Razgrad - biology with English language. In 2006 he graduated from the Medical University of Sofia, Faculty of Medicine, Master of Medicine - 13841 / 10.11.2006

In 2010 acquires ONS "Doctor" at the Medical University - Sofia. In 2015 from MU-Sofia, PHC acquired - Health Management, Master.

From 2008 to 2011 he was a full-time doctoral student in Cardiology at the Medical University - Sofia, CPVB "Prof. St. Kirkovich", Clinic of Cardiology. From 2009–2013 he is a specialist in Cardiology at the University Hospital "Alexandrovska", CPVB, Clinic of Cardiology. From 2009–2015 he was an assistant, chief assistant at the Department of Propaedeutics of Internal Medicine. From 2015 to 2018 he is a specialist in Angiology and Phlebology at City Clinic University Hospital, Sofia. From January 2019 cardiologist, interventional cardiologist UMHAT "Alexandrovska"

In 2015, Dr. Tsonev was awarded the educational and scientific degree "Doctor" on the basis of a defense dissertation on "Cardiac syndrome X in women - clinical, instrumental and laboratory characteristics."

At the moment, Dr. Tsonev has a total work experience of 14 years and 4 months and holds the academic position of "assistant", "chief assistant" and "part-time assistant" of 9 years and 2 months.

Dr. Tsonev speaks English, Russian, German.

Courses and specializations

Dr. Petya Kamenova:

Postgraduate qualification course in pedagogy of higher medical education at MA-1987.

Postgraduate qualification course on the basics of dietetics of MA-Sofia - 1990.

Gold Certificate from the European Association for the Study of Diabetes (EASD) for the training of general practitioners, nurses and patients on the problems of patients with type 2 diabetes - 2007

Postgraduate training course in medical pedagogy at MU-Sofia, PHC - 2014.

She specializes in the Netherlands, Free University of Amsterdam.

Dr. Svetlin Tsonev:

August 2005 - International Professional Exchange Program, University medical center, Clinic of Cardiology, Nijmegen, The Netherlands

September 2009 - ESH Summer School, Smolenice, Slovakia

April 2010 - Clinical application of EchoCG: new and old. Training course with live demonstrations", Bucharest, Romania

April 2011-Individual training course: "Coronary reserve - echocardiographic technique", Mestre, Italy December 2013 - Hyperlipidemia Academy 2013, Berlin, Germany

April 2013 - Fabry Master class, Madrid, Spain

June 2014 - Guest lecturer at the 54th INPC, Pula, Croatia

November 2016 - PeripheralPCR, Milan, Italy, educational grant

Certificate of Expert Level Echocardiography

Certificate for Ultrasound Vascular Diagnostics

Certificate of Interventional Vascular Medicine

He has specialized in the Netherlands, Slovakia, Romania, Italy, Germany, Spain.

Evaluation of the quantitative and qualitative indicators of the candidates

Dr. Kamenova and Dr. Tsonev presented a signed comprehensive evidence containing detailed lists, references, summaries and full-text copies of scientific papers, certificates and diplomas, references to citations, declaration of originality and authenticity of the attached documents. The presented materials contain the necessary information for the implementation of quantitative and qualitative assessment of its overall academic development. The works presented to both candidates are in the field and issues of the competition - "Health and Sports", professional field 7.1. Medicine, scientific specialty "Internal Medicine"

Dr. Kamenova presents a total of 93 scientific papers, 49 of them are publications - 1 dissertation and 4 articles are related to the award of educational and scientific degree "Doctor" and are not subject to review, and 44 are not related to the previous competition for ONS "Doctor"

Habilitation work, in the form of scientific publications (not less than 10) in scientific journals, referenced or indexed by a world-famous database - a total of 18 are presented, of

which 16 are real, 11 of which are in editions indexed in Scopus, 1e in Scopus & WOS, 3 are in ICI & Publons (WOS Group) and 1 is in ICI & EBSCO. The presented monograph abroad does not have the qualities of one according to the generally accepted criteria

Total IF– 29,956

Number of citations: the reference provided indicates a total of 276 citations in the scientific database. 171 of them are in a multicenter project G7.26, in which the evaluation of the participation of individual authors is difficult to do. Therefore, I believe that only 105 or a total of 1575 tons can be accepted.

Of all publications, 16/42 (38.1%) and 12/38 (31.6%) of participations are in the last 10 years (2011-2020).

Dr. Tsonev presents a list of a total of 142 scientific papers: Of these, 71 publications, 1 is a dissertation and 7 articles are related to the award of educational and scientific degree "Doctor" and are not subject to review, and 63 are after the competition of educational and scientific degree "Doctor".

Habilitation thesis, in the form of scientific publications (not less than 10) in scientific journals, referenced or indexed by a world-famous database: in full text - in this case 12 full-text articles (1 in press), respectively II.2.3 (Scopus), II.2.4 (ICI), II.2.5 (Scopus, WOS), II.2.6 (ICI), IV.2.2 (Scopus), IV.2.3 (IC), IV.2.4 (Scopus), IV.2.5. (ICI), V.2.6 (WOS), V.2.10 (WOS), V.2.12 (WOS), V.2.18 (WOS)

General IF - 84.579 / 14.988

Number of citations: 11 in Bulgarian editions, incl. 4 dissertations, and 27 international in refereed or indexed by world-famous database articles, incl. and 3 dissertations; a total of 500

First author is 32 out of 66 (48.5%) second author: 7 out of 66 (10.6%) third and next author: 27 out of 67 (40.9%)

Of all the publications, 53/71 (74.6%) and 56/71 (78%) of the participations are in the last 10 years (2011-2020).

Main directions of the publishing activity, scientific interests and contributions

The main research interests of Dr. Petya Kamenova are in the field of Endocrinology:

1. Determination of indices of insulin resistance, resp. insulin sensitivity as substitutes for the "gold" standard hyperinsulinemic euglycemic clamp technique.
2. Therapeutic effects of insulin resistance outside the established means for the treatment of type 2 diabetes.
3. Determination of the frequency and characteristics of cardiometabolic risk factors of the metabolic syndrome in patients with type 2 diabetes.
4. Association between two established cardiovascular risk markers - thickness of the intima and media of the carotid artery and insulin sensitivity in patients with type 2 diabetes.
5. Determination of the effect of metformin on cardiometabolic risk factors of the metabolic syndrome.

The main scientific contributions of Dr. Kamenova are:

- Basic insulin sensitivity indices do not correlate well with indices such as HOMA-IR, FIRI and insulin / glucose ratio. The distinctive level of insulin resistance with overweight and obesity has been determined. The role of waist circumference as an independent indicator of insulin sensitivity in women with type 2 diabetes is emphasized.
- Algorithms have been developed to determine insulin sensitivity by waist circumference and diastolic blood pressure in diabetics to prevent cardiovascular risk.
- The site of alpha-lipoic acid treatment is established to improve insulin sensitivity.

- Cardiometabolic risk factors of the metabolic syndrome in patients with type 2 diabetes are defined for our country, as well as the applicability of the definition of IDF metabolic syndrome in Bulgaria, as well as the frequency and characteristics of the metabolic syndrome in patients with type 2 diabetes.

- Metformin has been shown to restore the physiological dynamics of insulin secretion in individuals with metabolic syndrome without causing hypoglycaemia. The drug can affect body weight and waist circumference, as well as other cardiometabolic risk factors for CVD.

Dr. Kamenova is a member of professional organizations: Bulgarian Society of Endocrinology, Bulgarian Diabetes Association, European Association for the Study of Diabetes. It was included in the 2009 Jubilee edition of "Who's Who in Science and Technology" in 2008.

Dr. Kamenova's research activity is practical, as evidenced by her participation in 4 international research projects, two of which she was an author. She participated with reports and presentations in 20 international scientific forums, which confirms research activity.

Dr. Tsonev's contributions to scientific publications and papers can be systematized in the following main thematic areas:

1. Cardiac syndrome X - total number of publications - 8, of which one dissertation
2. Microvascular function and dysfunction - 10 publications, of which 1 monograph and one chapter of a book.
3. Arterial hypertension - total number of publications - 8
4. Risk factors - total number of publications - 17
5. Arterial and venous vascular diseases - 10
6. Heart failure - 10
7. Rare cardiovascular diseases - total number of publications - 2
8. Imaging techniques in Cardiology - total number of publications-3

Scientific contributions of an original scientific nature are related to:

1. Comparative analysis of endothelial dysfunction and myocardial ischemia-specific markers in a comparison of patients with CHD and those with coronary heart disease.
2. Comparative analysis of gene expression of α ER and serum levels of 17β -estradiol in patients with CHD and those with verified coronary heart disease.
3. A method for application of the deformation EchoCG techniques in the assessment of the left atrium (strain and strain rate) has been validated.

Contributions of scientific and applied nature are related to:

1. Developed algorithm for diagnosis and treatment of patients with microvascular angina.
2. New biochemical markers have been introduced for the differentiation of patients with microvascular and epicardial coronary disease (VEGF, α ER, ET1).
3. A clinical approach has been developed in patients with multifocal atherosclerosis with opportunities for endovascular and vascular surgery.
4. The latest ultrasound techniques have been introduced to assess myocardial deformity in patients with rare diseases (Fabry, Pompe), heart failure, pregnancy, diabetes mellitus.

Dr. Tsonev is a reviewer and member of the editorial board in: JACC- case reports-emerging editorial consultant; Heart Failure Reviews - reviewer; Journal of Functional Morphology and Kinesiology - reviewer; Bulgarian Cardiology - reviewer and section editor; Bulgarian Journal of Cardiology - advisory board; Praemedicus since 1925 - Deputy

editor; Continuous Research Online Library - editorial board member; Medical editor of Credoweb.

Member of the National Agency for Evaluation and Accreditation as an expert.

Dr. Svetlin Tsonev is a member of the expert panel of: Echocardiography: masses and sources of emboli. 23rd Annual Congress of the EACVI. www.escardio.org/EACVI; Heart Imagers of Tomorrow (HIT) Clinical Case Poster session 2. 23rd Annual Congress of the EACVI. www.escardio.org/EACVI; CARDIOMYOPATHY AND PERICARDIAL DISEASES. World Echocongress 2018 y. Member of the Organizing Committee and Secretary of the XXIV World Congress of Echocardiography and Cardiovascular Imaging, 17-20 May, 2018y.

He is a member of professional organizations and working groups: Bulgarian Society of Cardiology, Chairman of the Working Group on Valve Diseases at the Society of Cardiologists in Bulgaria 2014-present, Member of the Working Group at DKB: "Women and Cardiovascular Risk"; Bulgarian Society of Angiology; Bulgarian Society of Interventional Cardiology; Union of Scientists in Bulgaria, Member of the Board of the Association of Non-Invasive Imaging in Cardiology; Scientific circle at KPVB, MU-Sofia; Heart Imager of Tomorrow at the European Society of Cardiovascular Imaging, where he is Ambassador of Bulgaria; Working group on Hypertension and Sexual dysfunction at ESC.

There are 10 awards and nominations for scientific achievements.

Teaching activity

Dr. Petya Kamenova actively participates in the training of medical students and specialists in endocrinology and metabolism by conducting individual training, colloquia and lectures. He is the author of the international educational period "Improving the training of students in endocrinology" approved after a competition under the TEMPUS program of the Ministry of Education, Science and Culture of Bulgaria, held at the Clinic of Diabetology, Free University Hospital, Amsterdam, Netherlands 30.04.-31.10. 1995 As a result, a curriculum with practical exercises and a lecture course for students in endocrinology was developed. He gives lectures in 4 courses for SDO at the Department of Endocrinology - a total of 16 hours per year. Dr. Kamenova presented official notes from MU - Sofia, MF, Department of Endocrinology for the workload for the period 2006 - 2020, a total of 2055, 6 hours, of which 1416.6 hours of training for medical students in Bulgarian language and 659 hours SDO. For the period 2015-2020 the teaching activity is total - 614 hours, of which 300 hours of student training and 314 hours - SDO.

Dr. Svetlin Tsonev has been a full-time assistant at the Department of Propaedeutics of Internal Medicine since 2012 and until 2015 teaches Medicine students III year in Bulgarian and English with an average class load of 240, 345 and 395 hours. From 2015 to 2019, as a part-time assistant in the Ministry of Finance of Sofia University "St. Kliment Ohridski ", has conducted a total of 391 hours of practical exercises for students of III and IV year ACS Master of Medicine and ACS Bachelor of Nursing and Medical Rehabilitation. During the 2019/2020 academic year, as a part-time assistant in the Department of WB at the Ministry of Finance of MU-Sofia, he has 240 teaching hours in Bulgarian and English.

He participates in the practical training of 3 specialists in Cardiology. For the period from 2015-2019, it has a total of 924 teaching hours. The report on the workload shows the average workload as an assistant in the Department of Propaedeutics at the University of Veliko Tarnovo - MU-Sofia in 2013-2015. in the other years as a part-time assistant - In 2016-2017 - 310 school hours; in 2017 -2018 -32 uch. o'clock; in 2018-2019 - 8 pm; in 2019-2020 - 240h / 54 AEO

Conclusion

Examination of the materials on the competition for the academic position of "Associate Professor" of Dr. Petya Kamenova and Dr. Svetlin Tsonev shows that the quantitative and qualitative requirements of the Law on the Development of the Academic Staff of the Republic of Bulgaria are covered, The Regulation for its implementation and the Regulations of University "Prof. Dr. Asen Zlatarov "- Burgas. Candidates submit a sufficient amount of scientific papers in which there are original scientific and applied contributions.

Both candidates are established professionals and clinicians in the field of internal medicine, in the relevant specialties - Dr. Kamenova in the field of endocrinology and Dr. Tsonev in cardiovascular diseases. Both have extensive experience in teaching Internal Medicine.

It is noteworthy that the scientific production of Dr. Tsonev is more voluminous and diverse - three quarters of the evidence is from the last 10 years, which shows constant research activity. Additionally, he holds leading positions in authoritative scientific organizations and societies, proof of his expert and scientific capacity.

In conclusion, I give a positive assessment of the activities of Dr. Svetlin Tsonev and I VOTE POSITIVELY, proposing to the members of the scientific jury to vote also positively for his election to the academic position of "Associate Professor" in higher education 7. Health and Sports, Professional direction 7.1. Medicine, in the scientific specialty "Internal Medicine", for the needs of the Faculty of Medicine at the University "Prof. Dr. Asen Zlatarov "- Burgas

February 19, 2021
Burgas

Signature:
Assoc. Prof. Vladislav Genchev, MD, PhD