

To: Chairman of the scientific jury

Determined with Order No 3188/01.12.2020

Of the Director of the Branch of Haskovo of Trakia University, Stara Zagora

About the competition for the filling of the academic position **Associate Professor** in the area of higher education: **7. Health care and sport**, professional field: **7.1. Medicine** and scientific specialty: **Ophthalmology** for the needs of the Branch of Haskovo under the competition announcement in State Gazette, Iss. No 86/06.10.2020 and according to Order No 3188/01.12.2020 of the Director of the Branch of Haskovo of Trakia University, Stara Zagora.

With the sole participant in the competition: Dr. Daniela Tosheva Mitova MD, PhD

## **REVIEW**

**By Prof. Dr. Botio Djonov Anguelov MD, PhD**

Member of the scientific jury/Order No 3188/01.12.2020

Address: Medical Institute, Eye Clinic, MI,

Sofia 1606, 79 Skobelev Boul.

Email: [botio.ang@abv.bg](mailto:botio.ang@abv.bg) Phone number: +359888226845

The documents Dr. Daniela Tosheva Mitova MD, PhD submitted for participation in the competition meet the legal requirements of the Act on Development of the Academic Staff in the Republic of Bulgaria and the Regulation of its Application. They are extremely well organized and contain enough data of proof.

### **I. Biographical data, education and training.**

Dr. Daniela Tosheva Mitova is born on 21.04.1974. She graduated in medicine from the Medical University-Varna Prof. Dr. Paraskev Stoyanov in 1999. She specialized Ophthalmology in the Ophthalmology Department in the Specialized Eye Hospital at the MU-Varna in 2000 - 2004. She was a full-time post-graduate student of eye diseases in 2000 - 2003. She defended a thesis, *The Influence of Exfoliative Changes in the Eye on Character and Course of Exfoliative Glaucoma*, with Associated Professor Evgenia Kontrova PhD as her scientific supervisor in 2006 and obtained the educational and scientific degree of PhD in the scientific field of Ophthalmology. She works at the Eye Clinic "St. Petka" in Varna. In 2010 - 2013 she was an assistant in the Ophthalmology and Visual Science Department at the MU-Varna. In 2013, she obtained a Master's degree in Health Management.

Dr. D. Mitova has completed over 100 courses and trainings at home and abroad, related to highly specialized ophthalmology activities. Her ophthalmological interests are in the field of glaucoma, retina, refractive and cataract surgery, vitreoretinal surgery (ESASO medical retina 2018; ESASO surgical retina 2019, 2020), neuro-ophthalmology, etc. In 2012 she participated in an international program for educating young leaders in ophthalmology - EULPD in Innsbruck, Austria, with the support of ICO (International Council of Ophthalmology) and AAO (American Association of Ophthalmology).

## **II. Research activity**

Her thesis, as well as a number of publications, are related to the problems of exfoliative glaucoma (1,8,21,32,33,36,42,47,60). She has published works about innovative methods of treatment of diabetic retinopathy and macular degeneration (6,9,15,16,19,23,37,40,44). She wrote a monograph, *Diabetic Retinopathy*, in 2014. Her scientific works related to Cross-linking, keratho-refractive eye surgery (2,3,7,10,11,12,17,18,28,29,34,38,39,41,43) are numerous. She participated, with writing 15 out of 27 chapters, in the book *Refractive Eye Surgery* under the editorship of Associated Professor Dr. Tosho Mitov, MD, PhD. A few publications focus on the problems of neuro-ophthalmology (4,5,17,21,60).

Dr. D. Mitova participates in the competition with 66 (52 outside the thesis) scientific publications. She presents 6 publications in impact factor journals (4 of IF and 5 of IR), 22 - in journals which are peer-reviewed and indexed in world famous database with scientific information and 37 - in non-peer-reviewed journals with scientific reviewing or published in edited collective volumes. She is a sole or first author in 43 of the publications. She has a total number of 208 positive citations, 127 of which in scientific journals, peer-reviewed and indexed in world famous data base with scientific information (Scopus and Web of Science) and 76 in non-peer-reviewed journals with scientific reviewing. Her publications in impact factor journals, as well as the impact factor citations, form a total impact factor of the candidate amounting to 4.533, according to the transcript provided by the Main Central Library of MU-Varna.

She has read 58 reports at national forums and 18, at international ones. She has been a guest lecturer at a World Ophthalmology Congress (WOC) in 2018 (Barcelona), Filatov Memorial Lecture (Odessa) in 2019, (Cape Town - WOC virtual) in 2020.

## **III. Teaching activity**

Dr. Daniela Mitova has considerable teaching practice, starting in 2010. In 2010 - 2013 she taught medical students as an assistant in MU-Varna and since 2010, she has been teaching post-graduate students. Officially, she has been a scientific supervisor of five (three who have finished their education and two who are currently specializing). She has taken part in international research projects as head researcher (11), most of these interventional, directed at treating age-determined macular degeneration and diabetic macular edema. She has taken part as organizer and lecturer in many qualification courses in ophthalmology (21). She has organized a mini-course in neuro-ophthalmology.

Dr. D. Mitova participated with 2 chapters in *Textbook of Ophthalmology* for Medical Students under the editorship of Prof. I. Majdrakova (edition 2008 and 2014) and with 5 chapters in *Textbook of Ophthalmology for Dental Medicine* under the editorship of Prof. Grupcheva (edition 2010).

#### **IV. Memberships in editorial boards and medical associations.**

Dr. D. Mitova has been a medical editor of the *Scholarly Bulletin* Journal since 2012 and since 2020, a deputy chief editor of the *Bulgarian Review of Ophthalmology* Journal. Dr. Mitova is a member of the following international and Bulgarian associations: BMA, Bulgarian Society of Ophthalmology (BSO), BACRS (Bulgarian Association of Cataract and Refractive Surgery), ESCRS (European Society of Cataract and Refractive Surgery), Euretina, EGS (European Glaucoma Society).

#### **Contributions:**

1. Dr. Daniela Mitova has some original contribution in the complex treatment of retina diseases and kerato-refractive eye surgery. This is the topic that the monographs *Diabetic retinopathy* and *Refractive Eye Surgery* deal with.
2. She has developed and applied an innovative therapy for dry and wet form of age-determined macular degeneration - a combined therapy with cortisone, antiVEGF, 2RT (Presented at WOC 2020, Filatov memorial 2019; published in *Medical & Clinical Research*, Oct 2020; *Medical Review* 2019; *Medinfo* 2019/3, *Journal of Anatolian Medical Research*).
3. She has developed and applied an innovative therapy for treatment of diabetic macular edema (Presented at WOC 2020; published in *Bulgarian Review of Ophthalmology* 2020/2) - a combination of long-acting cortisone, antiVEGF, 2RT.
4. She has developed and applied an innovative therapy for treating degenerative retina diseases (Presented at a BSO congress in 2019)-subthreshold laser tissue stimulation and PRP.

#### **Conclusion**

Dr. Daniela Mitova, MD, PhD is a fully-formed, respected expert of proven merit in ophthalmology in our country. She has a good grasp of modern diagnostic and treatment methods, including the surgical ones in her specialty. She has the theoretical, methodical and practical skills required for developing modern research and teaching activity in the field of ophthalmology.

Dr. Daniela Mitova's scientific works in the field of the scientific specialty Ophthalmology submitted in the competition fully meet the requirements of Trakia University for the filling of the academic position *Associate Professor*. My assessment of the overall ophthalmological activity of Dr. Daniela Mitova is firmly positive and I suggest awarding her the academic position *Associate Professor in Ophthalmology*.



12.01.2021

**Prof. Dr Botio Djonov Anguelov MD, PhD**