

OPINION

**FROM PROF. MILENA STANEVA STANEVA, D.M., PhD
HEAD OF ANGIOLOGY CLINIC
ACIBADEM CITY CLINIC UMHAL TOKUDA EAD SOFIA**

**RE: PROCEDURE FOR ACADEMIC POSITIONS "ASSOCIATE
PROFESSOR" IN THE AREA OF HIGHER EDUCATION 7. HEALTH AND
SPORTS, PROFESSIONAL FIELD 7.1 MEDICINE AND THE SCIENTIFIC
SPECIALITY "GASTROENTEROLOGY" FOR THE NEEDS OF THE CLINIC
OF GASTROENTEROLOGY, DEPARTMENT OF INTERVENTIONAL
GASTROENTEROLOGY OF "ACIBADEM CITY CLINIC UMHAL TOKUDA"
EAD**

1. 1. Information about the procedure

The competition for the academic position "Associate Professor" in the area of higher education 7. Health and Sports, professional field, 7.1 Medicine, and the scientific specialty "Gastroenterology " for the needs of the Clinic of gastroenterology, Department of interventional gastroenterology of Acibadem City Clinic UMHAL Tokuda EAD was announced in SG, issue 85/12.10.2021 By order № 667/14.12.2021 of the Executive Director and the procurator of Acibadem City Clinic UMHAL Tokuda EAD I was appointed a member of the Scientific Jury and the decision of the first absentee meeting was to present an opinion.

Only one candidate has submitted documents for participation in the competition - Petko Ivanov Karagyozev, MD, PhD who meets all the requirements of the Law for development of academic staff in Republic of Bulgaria (LDASRB), the Regulations for its application and the Regulations on the terms and conditions for obtaining scientific degrees and employment to academic positions in Acibadem City Clinic UMHAL Tokuda EAD.

In connection with the materials provided to me for the preparation of an opinion, I declare that I do not establish evidence of plagiarism and I have no conflict of interest.

2. Professional data of the candidate

Dr. Petko Karagyozev was born in 1979. He graduated in medicine in 2004 at the Medical University - Sofia. He started his career in 2006 as a physician at the Clinic of Gastroenterology and Hepatology - Military Medical Academy, Sofia. Since September 2011 he has been working at "Acibadem City Clinic UMHAL Tokuda" EAD consecutively as a physician in the Department of Gastroenterology, Clinic of Gastroenterology and Pulmonology (September 2011 - January 31, 2015), Head of the Department of Interventional Gastroenterology, Clinic of Gastroenterology and Pulmonology (February 1, 2015 - December 1, 2017), and from December 1, 2017 he is Head of the Department of Interventional Gastroenterology, Clinic of Gastroenterology. He has experience in the specialty 13 years, 9 months and 9 d. Since October 1, 2019 he has been a part-time assistant at the Faculty of Medicine, Sofia University "St. Kl. Ohridski ". In October 2020,

after a competition at "Acibadem City Clinic UMHAT Tokuda" EAD, he was elected "Chief Assistant".

He has acquired a specialty in Gastroenterology -2013 and Certificates of Professional Qualification from 2013 from MU Pleven in: "Conventional Gastrointestinal Endoscopy with Biopsy Level I", "Conventional Gastrointestinal Endoscopy with Biopsy Level II", "Conventional Ultrasound -abdominal ultrasound and surface structures ", " Abdominal Doppler ultrasound ", " Interventional and endoscopic abdominal ultrasound "and since 2010 from MU Sofia on ERHP and related interventional endoscopic procedures - third level". Since 2016 he has a master's degree in Public Health and Health Management from the Medical University of Plovdiv, Bulgaria.

In 2020, Dr. Karagyozev was awarded the educational and scientific degree "PhD" based on a defended dissertation on "The place of cholangiopancreatography in the diagnosis and treatment of pancreatic-biliary diseases."

Dr. Karagyozev has passed a number of qualification courses and trainings in interventional gastroenterology in Bulgaria (MMA) and in leading centers in Germany, the Netherlands, Israel, Japan, Italy and others.

He speaks German and English.

3. Evaluation of the quantitative and qualitative indicators of the candidate

Dr. Karagyozev presented the competition with a total of **83 scientific papers**: one dissertation for the educational and scientific degree "PhD", 44 scientific publications (5 of which related to the dissertation), co-authored in 2 chapters of 1 monograph, 1 textbook and 39 scientific papers with published abstracts (4 of which are related to the dissertation.) Scientific papers not related to the dissertation are subject to review. Of the published scientific articles, 24 are in Bulgarian (3 of which are referenced in an international database) and 11 in international scientific journals, of which 3 are with IF.

In almost all publications he is an independent or first author (53.8%) or a second author - 23.1%.

The **total impact factor**, calculated on the basis of the official report submitted by the CML of MU-Sofia amounts to **26,087**.

The scientific activity of the candidate includes **35 scientific reports** and announcements with printed abstracts (15 of which in journals with IF), presented at Bulgarian and international scientific forums, and in 7 a lecturer was invited.

In the citation made by CML № 270 / 09.09.2021 **34 citations** are registered, of which 2 are in Bulgarian, 11 - other international publications, Scopus - 7, Web of Knowledge - 14, (as a database Scopus and Web of Knowledge partially overlap).

The table presents correspondences with the Minimum Required Points of Acibadem City Clinic UMHAL Tokuda EAD

Group of indicators	Contents	Minimum Required Points of Acibadem City Clinic UMHAL Tokuda EAD	Presented
A	Indicator 1	50	50
B	Indicator 2	-	-
B	Indicators 3 or 4	100	183.11
Г	Sum of indicators from 5 to 9	200	600.74
Д	Sum of indicators from 10 to 12	50	265
Е	Sum of indicators from 13 to the end	-	-
Total		400	1 098.85

*The comparison of Dr. Karagoyozov's data with the scientometric criteria of the Hospital for holding the academic position of "Associate Professor" shows that he covers them, and in a number of points significantly exceeds them. **With the required 400 points, 1,098.85 points are presented.***

4. Major scientific contributions

Dr. Karagoyozov's research interests are diverse and cover different areas of gastroenterology. Particular attention is paid to the importance and validation of Digital Oral Cholangiopancreatography (DOCPS) in the diagnosis and treatment of pancreatic-biliary diseases. The technical aspects of DOCPS, morbidity are considered in detail, the factors related to the increased risk of general and specific complications or technical failure are analyzed. A diagnostic algorithm for indeterminate biliary stenosis has been proposed, as well as for behavior in difficult bile duct stones. (1-10,13,17,51,52,54,63)

Dr. Karagoyozov's scientific activity is related to other areas of interventional endoscopy, namely: Echoendoscopic biliary drainage (43,75); Echoendoscopic pancreatic gastrostomy (12,77); Endoscopic techniques for the treatment of hemosuccus pancreaticus (21,55); Endoscopic interventions for the treatment of pancreatic ascites (58,59,73); Mini-invasive approach in the treatment of late recognized esophageal perforations (15,20,28); Iatrogenic lesions of the biliary tract (46,61,79); Echoendoscopic-navigated fine-needle biopsy (56,71,72). Also of interest are biliary interventional procedures in pediatric practice - application of percutaneous cholangiography and external biliary drainage in an emergency in a child aged 2 years and 6 months after liver transplantation with sepsis, suppurative cholangitis and stenosis of the biliary-enteral anastomosis (82). Published review articles reflect current scientific advances and recommendations for clinical behavior and treatment in gastroesophageal reflux disease, Barrett's esophagus, pancreatic cancer, chronic pancreatitis, cystic pancreatic neoplasms, diverticulosis, colonic disease, fuses and others.

(25,27,30-34,36 and 37). The recommendations for endoscopy and organization of work in the endoscopic sector in the conditions of Kovid-19 are discussed (35,60).

Dr. Karagoyozov's scientific works have proven scientific-theoretical and scientific-applied contributions, have been published in renowned specialized medical journals, and the results have been reported at authoritative international congresses. They contribute to the development and validation of interventional endoscopy in the diagnosis and treatment of gastrointestinal, liver, biliary and pancreatic diseases and emergencies in gastroenterology.

5. Teaching activity

Dr. Petko Karagoyozov presents a Certificate (published on 1882 / 01.12.2021) from "ACC UMHAL Tokuda" EAD for study load for the period 01.01.2017 - 01.12.2021, that he has realized a total of **1136 eq. hours**, including active participation in the training of specialists in gastroenterology - 1111 eq. hours and continuing education - 25 equivalent hours. From the MF of Sofia University "St. Kliment Ohridski" presented a Certificate that as a part-time assistant at the Department of Internal Medicine, Pharmacology and Clinical Pharmacology, Pediatrics, Epidemiology, Infectious and Skin Diseases for the academic years 2019/2020 and 2020/2021 he conducted a total of **1106 studies hours**, of which 51 classroom employment. He teaches medical students in Bulgarian III course "Propaedeutics of Internal Medicine", medical students in Bulgarian and English V course - cycle "Gastroenterology", as well as trainee doctors in medicine in Bulgarian and English VI course - cycle "Gastroenterology".

The study load of Dr. Karagoyozov is diverse, well presented and is sufficient to occupy AP "Associate Professor".

6. Medical-diagnostic activity

The medical-diagnostic activity of Dr. Karagoyozov is diverse and includes diagnostic and therapeutic upper and lower endoscopy, emergency endoscopy, endoscopic hemostasis, abdominal ultrasound, liver biopsy, capsule enteroscopy, endoscopic retrograde cholangiopancreatography X-ray and echoendoscopic control, percutaneous transhepatic cholangiography, treatment and follow-up of patients with IBD, liver disease, emergencies in gastroenterology.

Performs the full range of complex interventional gastroenterological procedures. Actively participates in intraclinical, interclinical and outpatient consultative activities in emergency and interventional gastroenterology, as well as in discussing patients in the intensive care unit and determining the treatment and diagnostic algorithm as head of the Department of Interventional Gastroenterology at the Clinic of Gastroenterology.

7. Expert activity

Dr. Karagoyozov is a member of several scientific societies and organizations. Member of the European Society of Gastrointestinal Endoscopy (ESGE); American Society of Gastrointestinal Endoscopy (ASGE); Fellow of the American Society for Gastrointestinal Endoscopy-FASGE from 02.2021; member of the Bulgarian Scientific Society of Gastroenterology. Member of the Board of Directors of BSSGE since 2018. Member of the European Group for the Study of Cholangioscopy (ECG), the European Group on Endoscopic Ultrasound (EGEUS). Since April 2021 he has been a representative of BSSGE in UEG Meeting Of Members. He is a Cholangiopancreatography Instructor with SpyGlass DS, Boston Scientific for Eastern Europe. He is Deputy Chairman of the Commission for Granting Biological

Therapy to Patients with Ulcerative Colitis and Crohn's Disease at "Acibadem City Clinic UMHAT Tokuda" EAD, Sofia.

CONCLUSION

The candidate Petko Karagyozev, MD, PhD fully meets the requirements of LDASRB, the Regulations for application of LDASRB and the Regulations of Acibadem City Clinic UMHAT Tokuda EAD for holding the academic position "Associate Professor".

Dr. Karagyozev is an established physician - internist, gastroenterologist and established interventional gastroenterologist, with extensive clinical experience, sufficient in volume, with high quality indicators and real theoretical and practical contributions to scientific activity. He has a rich and varied teaching activity. He has a number of personal qualities that make him a worthy member of the national gastroenterological community. He is responsible and self-critical about everything he does. Dr. Karagyozev also has managerial experience as Head of the Department of Interventional Gastroenterology, Clinic of Gastroenterology at Acibadem City Clinic UMHAT Tokuda EAD.

In view of the above, I strongly recommend the esteemed members of the Scientific Jury to vote in favor of the election of Petko Ivanov Karagyozev, MD, PhD for holding the academic position "Associate Professor" in the scientific specialty "Gastroenterology" for the needs of the Clinic of Gastroenterology, Department of Interventional Gastroenterology of "Acibadem City Clinic UMHAT Tokuda" EAD.

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Sofia

Prepared the opinion:

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