

## FUNDING APPLICATION

### Section C – CV Template

#### C.1 CURRICULUM VITAE

##### Personal information

Name, Surname:	Mircea Beuran		
Date of birth:	05.06.1953	Sex:	Male
Nationality:	Romanian		
Researcher unique identifier(s) (ORCID, Researcher ID etc.):	<a href="https://www.researchgate.net/profile/Mircea-Beuran">https://www.researchgate.net/profile/Mircea-Beuran</a>		
URL for personal website (if case):	<a href="https://umfcd.ro/wp-content/uploads/CV-Prof.-Beuran_Mircea.pdf">https://umfcd.ro/wp-content/uploads/CV-Prof.-Beuran_Mircea.pdf</a>		

##### Education

Year	Faculty/department - University/institution - Country
1999-Present	<b>Carol Davila University of Medicine and Pharmacy Bucharest</b> Doctor in medical sciences, PhD thesis "Surgical management of acute pancreatitis"
1974-1980	<b>Institute of Medicine and Pharmacy "Carol Davila" Bucharest, Romania, Faculty of Medicine</b> Medical Doctor degree

##### Positions - current and previous

*(Academic sector/research institutes/industrial sector/public sector/other)*

Year	Job title – Employer - Country
2023-Present	President of Academy of Medical Sciences
2016-2020	President of the University Senate, University of Medicine and Farmacy Carol Davila, Bucharest, Romania
2019-Present	Executive Vice-president of the Medical Sciences Academy, Bucharest, Romania
2015-Present	Fellow of the American College of Surgeons, United States of America
2018-Present	Member of Europensis Scientarum Atrium Litterarumque Academy
2018-Present	Member of Scientiarum et Atrium Europaea Academy
2018-Present	President of the Medical Specialty Commission of National Council of Titles, Diplomas and University Accreditation (CNATDCU), Romania
2012-Present	Director of 10th Department of Surgery, University of Medicine and Farmacy Carol Davila, Bucharest Romania
2007-Present	PhD Coordinator, University of Medicine and Farmacy Carol Davila, Bucharest Romania
2005-Present	University professor of General Surgery, University of Medicine and Farmacy Carol Davila, Bucharest Romania
2017-Present	Honoric Ambassador of Monaco Principate, Monaco
200-2005	Associate professor, University of Medicine and Farmacy Carol Davila, Bucharest Romania

1994-2000	University Lecturer, University of Medicine and Pharmacy Carol Davila, Bucharest Romania
1982-1994	General surgery teaching assistant, University of Medicine and Pharmacy Carol Davila, Bucharest Romania
1980-1983	Volunteer as anatomy preparation assistant, University of Medicine and Pharmacy Carol Davila, Bucharest Romania
2002-Present	Principal medical doctor on public health and health services management, Clinical Emergency Hospital, Bucharest, Romania
1992-Present	Primary Doctor in general surgery, Clinical Emergency Hospital, Bucharest, Romania
1987-1992	Specialist Doctor in general surgery, Clinical Emergency Hospital, Bucharest, Romania
1983-1986	Resident Doctor in general surgery, Clinical Emergency Hospital, Bucharest, Romania
1980-1982	Intern Doctor, Clinical Emergency Hospital, Bucharest, Romania

### Career breaks (if case)

Year	Reason
-----	not applied

### Project management experience

(Academic sector/research institutes/industrial sector/public sector/other. Please list the most relevant.)

Year	Project title - Role – Funder – Budget – link to project webpage
2019-2024	<b>ROCCAS - Implementation and development at national level of necessary management tools to initiate colorectal cancer screening</b> , principal investigator, POCU / 468/4/9/128106, <a href="#">link to the project webpage</a>
2019	<b>Innovative bionanomaterials for diagnosis and treatment (BIONANOINOV)"PN-III-P1-1.2- PCCDI2017-0629</b> . - Project Director, 3120350 LEI, <a href="#">link to the project webpage</a>
2018-2020	<b>Increasing the institutional performance and competence in health sector of University of Medicine and Pharmacy "Carol Davila"</b> , Bucharest, PFE_23/2018. Programme 1 - The development of national research and developing system - Projects of financing CDI excellence, Field 5: Health. Funder: Ministry of research and Innovation, project director, 420000 LEI, <a href="#">link to the project webpage</a>
2020	<b>Hospital Acquired Infection and Outbreak Prevention System (HAI-OPS)</b> ', financed by Eurostars, co-funded by EUREKA member countries and the European Union Horizon 2020 Framework Programme, principal investigator, 320000 EURO, <a href="https://www.eurostars-eureka.eu/project/id/9831">https://www.eurostars-eureka.eu/project/id/9831</a>
2014	<b>Immunofluorescence study on functional iron oxide nanoparticles effect on malignant rectal tumour cells</b> . PN-II-PT-PCCA-2013-4-0006, Contract 131/2014, Project Director, 241213 LEI, <a href="#">link to the project webpage</a>
2012	<b>Advanced workshop on acute care surgery in trauma and abdominal emergencies (PN-II-ID-WE-2012)</b> - Project Director, 145000 LEI, <a href="#">link to the project webpage</a>

### Other relevant professional experiences

(e.g. institutional responsibilities, organisation of scientific meetings, membership in academic societies, review boards, advisory boards, committees and major research or innovation collaborations, other commissions of trust in public or private sector)

Year	Description - Role
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2023	President of Medical Sciences Academy
2014	Chief Editor of the Surgery Magazine (ISSN:1842-368X)
2014	President of the Romanian Surgery Society
2009	Manager of the Clinical Emergency Hospital, Bucharest, Romania
2001-present	President of the Surgical Specialties Commission of Health Ministry
2003	Health Minister of the Romanian Government
2000-2003	State Counsellor and personal medical doctor of the Romanian President - Presidential Administration
2000-Present	Member of Teaching Council of Carol Davila " University of Medicine and Pharmacy
2001-2003	Representative of Romanian President - Romanian Fund of Social Development
2001-2003	Member of the "Nicolae Cajal Academic" Foundation
2004	Member of Journal of Surgical Sciences, Carol Davila University Press
2006	Coordinator of Doctoral Studies
2010-2012	Chief of "Carol Davila " University of Medicine and Pharmacy Surgery Department
2012-2016	President of the Romanian Surgical Society Bucharest
2014	Member of the Editorial Committee of Moldovan Journal of Health Sciences. Founder Public Institution State University of Medicine and Pharmacy "Nicolae Testemitanu" from Republic of Moldova, 2014.

## C.2 Track record of the last 10 years

1. Badea, M.L.; Iconaru, S.L.; Groza, A.; Chifiriuc, M.C.; **Beuran, M.**; Predoi, D. *Peppermint Essential Oil-Doped Hydroxyapatite Nanoparticles with Antimicrobial Properties*. *Molecules* 2019, 24, 2169.
2. Predoi D., Ghita R.V., Iconaru S.L. and **Beuran M.** *Hydroxyapatite Thin Films Dedicated to Medical Applications*. *Nanomedicine & Nanotechnology Open Access*, ISSN: 2574-187X, Mini Review, Volume 4 Issue 2, DOI: 10.23880/nnoa-16000160.
3. Chang, Angela Y., et al. "*Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995–2050.*" *The Lancet* 393.10187 (2019): 2233-2260.
4. Feigin, Valery L., et al. "*Global, regional, and national burden of neurological disorders, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016.*" *The Lancet Neurology* 18.5 (2019): 459-480.
5. Is Coman, Cg Florea, Ev Coman, Beuran M, *Dynamics of clinical and biological elements in mechanical bowel obstructions—experimental study on laboratory animals*. - the medical-surgical journal, 2019
6. A Groza, SL Iconaru, G Jiga, P Chapon, S Gaiaschi, **Beuran M**, *The Effect of the Ionizing Radiation on Hydroxyapatite–Polydimethylsiloxane Layers*. - *Polymer Engineering & Science*, 2019
7. Coman, I.S., et al. "*Histopathological elements analyzed in dynamics in mechanical bowel obstructions-experimental study on laboratory animals.*" *Romanian journal of morphology and embryology= Revue roumaine de morphologie et embryologie* 60.2 (2019): 589.
8. Negoi I, Hostiuc S, Runceanu A, Negoi RI, **Beuran M.** *Superior mesenteric artery first approach versus standard pancreaticoduodenectomy: a systematic review and meta-analysis*. *Hepatobiliary Pancreat Dis Int.* 2016 Sep 13:1.
9. Iconaru SL, Prodan AM, Turculet CS, **Beuran M**, Ghita RV, Costescu A, Groza A, Chifiriuc MC, Chapon P, Gaiaschi S, Hristu R. *Enamel Based Composite Layers Deposited on Titanium Substrate with Antifungal Activity*. *Journal of Spectroscopy*. 2016 Dec 12;2016.
10. **Beuran M**, Negoi I, Negoi RI, Hostiuc S, Paun S. *Primary Aorto duodenal Fistula: First you Should Suspect it*. *Brazilian journal of cardiovascular surgery*. 2016 Jun;31(3):261-3.

### C.3 Narrative CV

Professor Mircea Beuran, MD, PhD, president of Academy of Medical Sciences of Romania. Mircea Beuran has highly specialized training on the latest general surgical techniques by taking part in various national and international training programmes and specialisation courses.

Professor Mircea Beuran has an outstanding experience in the academic environment, not only by actively involving within "Carol Davila" University of Medicine and Pharmacy teaching activity and doctoral school, but also by organising, participating or being part of numerous scientific comities in national and international level congresses and conferences. He actively participated in the pioneering and development of the Romanian emergency and trauma surgery by publishing books, chapters and scientific articles noted by ISI Thomson Reuters and CNCSIS, respectively by organising postgraduate trainings and workshops.

**His valuable managements skills are justified by his activity within government structures and 6 research projects coordination**, especially during the time as Health Ministry, Manager of the Clinical Emergency Hospital Bucharest and Health Counsellor of the Romanian Presidents, complemented by being chief editor and member of scientific publications and journals. In the projects that he coordinated he developed innovative preventive investigation methods for early detection and personalized treatment of liver, pancreas, stomach, and colon diseases. The results of his research activity were presented in 184 articles published in ISI journals with over 4800 citations (web of science **Hirsch index =22**). The articles written by Prof. Beuran received wide recognition in the scientific environment, being published in prestigious journals such as Lancet (IF = 59,102) or JAMA Oncology (IF = 22,416). Not only he is a member of the most prestigious national and international level societies of medicine, and surgery, but also in the scientific boards of several prestigious national and international journals of medicine. Mircea Beuran has a patent for obtaining a procedure for a bandage based on hydroxyapatite doped with silver in a matrix of collagen (cbi 133132 A1) nr. 2017/00769.

He organized and coordinated national debates at the largest medical universities in Romania (Bucharest, Iasi, Targu Mures, Cluj and Timisoara) with the theme of managing the traumatized patient or with emergency surgical conditions. He also coordinated the development and acquisition of state-of-the-art medical equipment for the Surgery Clinic that he coordinates that he become **the first level 1 trauma center** in Romania, and it represents a point of reference on a national level in terms of the management of polytraumatized patients. Taking as a starting point the experience of the clinic, he leads, he created and implemented the first **Romanian Register of Major Traumas**, a particularly important tool for increasing quality management in the trauma system in Romania.

He led 10 clinical studies for the development of new surgical methods and 14 animal experiments for testing new surgical methods and new biocompatible materials for implantable devices used to investigate and treat diseases of the liver, pancreas, stomach and intestines. He also participated in other 12 national/international research projects in the fields of nanostructured surfaces for improved osseointegration of titanium implants, the study of iron oxide nanoparticles on cell cultures, postoperative pain treating. His work was awarded with 27 distinctions and awards.

In this project he will be involved in the following tasks: T4.2 (multi-organ multi-well plate), T5.2 (point of care system), T5.3 (organ-on-chip platform), T6.2 (new projects), dissemination, communication and exploitation (T7.1, T7.2, T7.3), management and Ethics (T8.1, T8.2, T8.3), setting up and management of the Centre of Excellence (T1.1 – T1.4).

*Note: For each nominated person, please present the CV (uploaded as a single document of maximum 6 pages, saved with the name of the member, A4 format, Times New Roman font, 11-point font size, 1.15 line spacing and 2 cm margins).*