



Alexandru Burlacu

Date of birth: 26/01/1980

Nationality: Romanian

Gender: Male

CONTACT

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(**Web of Science ID**)



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ABOUT ME

Fellow of the European Society of Cardiology (FESC); 20 years in interventional cardiology;
Medical Director at Cardiovascular Diseases Institute - Iasi, Romania;
Assoc. Professor of Medicine at the University of Medicine and Pharmacy "Gr. T. Popa" - Iasi, Romania;
Supervisor of Doctoral Research - Accreditation (Habil);
Teaches Artificial Intelligence in Medicine – introductory Course;
His research and publishing field is at the crossroad of cardiology and nephrology;
Degree in Public Health Administration & experience in Government Health Administration.

WORK EXPERIENCE

- Cardiovascular Diseases Institute** Iasi, Romania
Medical Director
08/2023 – Current
- University of Medicine and Pharmacy "Gr. T. Popa"** Iasi, Romania
(Associate) Professor of Medicine
2021 – Current
- CNCS - National Research Council (Ministry of Education and Research)** Bucharest, Romania
Scientific Research Supervisor
08/2023 – Current
- AngioNet Cluster - Romanian Academy of Medical Sciences** Bucharest, Romania
Coordinator of the Digitization and Automation Thematic Group
01/2020 – Current
- UEFISCDI - Executive Agency for Higher Education, Research, Development and Innovation Funding** Bucharest, Romania
Scientific Expert Evaluator
2022 – Current
- Ministry of Health (OMS R1198/19.11.2019)** Bucharest, Romania
Advisor to the Minister of Health
11/2019 – 04/2020
- Ministry of Health** Bucharest, Romania
Member of the Ministerial Commission for Acute Myocardial Infarction
10/2019 – 08/2021
- National Health Insurance House - CNAS - (no. P11029/16.12.2019)** Bucharest, Romania
National Coordinator - National Interventional Cardiology Program
12/2019 – 07/2022
- Cardiovascular Diseases Institute** Iasi, Romania



Head of the Interventional Cardiology Department

2018 – 2021

Cardiovascular Diseases Institute Iasi, Romania

Regional Coordinator - Acute Myocardial Infarction Priority Action

2018 – 2021

University of Medicine and Pharmacy "Gr. T. Popa" Iasi, Romania

Founder & Coordinator of the Artificial Intelligence in Medicine - Introductory Course

2020 – Current

Romanian Academy of Medical Sciences Bucharest, Romania

Researcher

2014 – 2020

Providenta Medical Clinic - Metropolis of Moldavia and Bukovina Iasi, Romania

Medical Director

2013 – 2016

University of Medicine and Pharmacy "Gr. T. Popa" Iasi, Romania

Lecturer

2018 – 2021

Cardiovascular Diseases Institute Iasi, Romania

Senior Interventional Cardiologist

2016 – Current

University of Medicine and Pharmacy "Gr. T. Popa" Iasi, Romania

Assistant lecturer

2015 – 2018

Cardiovascular Diseases Institute Iasi, Romania

Consultant Interventional Cardiologist

2011 – 2015

EDUCATION AND TRAINING

05/2023 Romania

Supervisor of Doctoral Research - Accreditation (Habil) Ministry of Education

Field of study Medicine | **Thesis** Cardio-nephrology – a complex interplay between cardiovascular diseases management and chronic kidney disease distinctive milieu

2016 Paris, France

European Accreditation in Interventional Cardiology - Certificate of Excellence European Association of Percutaneous Cardiovascular Interventions

07/2018 Bucharest

Health Services Management & Public Health Administration Certificate Ministry of Health



2016 Bucharest, Romania

National Certification in Interventional Cardiology Ministry of Health

2018 – CURRENT Bucharest, Romania

Professional Practice License (Level 2 specialization in Interventional Radiology) CNCAN
National Commission for the Control of Nuclear Activities (No 229/2018)

2017 Timisoara, Romania

Radiological safety in the field of rontgendiagnostic specialties & interventional radiology

2015 – 2018 Iasi, Romania

PhD in Medicine University of Medicine and Pharmacy "Gr. T. Popa"

2015 Berlin, Germany

Renal Denervation Techniques - Treatment of Resistant Hypertension Course Medtronic Academy

2013 Madrid, Spain

Postgraduate interventional course "Peripheral Arterio-Venous Malformation embolization with Onyx and coils"

2010 Frankfurt, Germany

'CardioSkills' Postgraduate interventional course - European specialization course in interventions for acute myocardial infarction (emergency PCI for STEMI)

05/2007 Bucharest, Romania

"Doppler Echocardiography - from basic to advanced applications" European Association of Echocardiography Educational Course

2005 – 2010 Bucharest, Romania

Fellow in Cardiology Cardiology Department - University Emergency Hospital

2005 – CURRENT Bucharest

License for Independent Practice in Medicine Ministry of Health

1998 – 2004 Iasi, Romania

Medical Doctor University of Medicine and Pharmacy "Gr. T. Popa"

Field of study Medicine | **Final grade** Magna Cum Laudae

1994 – 1998 Onesti - Bacau, Romania

College Diploma Dimitrie Cantemir National College

Field of study Informatics | **Final grade** Magna Cum Laudae

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian



Other language(s):

English

Listening C2

Spoken production C2

Reading C2

Spoken interaction C2

Writing C2

French

Listening C1

Spoken production B1

Reading C1

Spoken interaction B2

Writing B2

Italian

Listening B1

Spoken production A2

Reading B1

Spoken interaction A2

Writing B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

IC3 (internet and computing core certification) | Google IT Support Certificate | Clinical research: behind statistics - University of Capetown 2021 Statistical Data Analysis | Systematic Review & Meta-analysis - John Hopkins University - 2021

DRIVING LICENCE

● Driving Licence: B

PROJECTS

2014 – 2020

● **"Development of public infrastructure for research, development and creation of new infrastructure" - project co-financed by the European Regional Development Fund (ERDF) through the Competitiveness Operational Program 2014-2020**

Researcher of the Team

Funding Contract 2/Axa 1/31.07.2017/ 107124 SMIS

Signed with the Ministry of Regional Development, Public Administration and European Funds (MDRAPFE) as Managing Authority for the Competitiveness Operational Program 2014-2020 and with the Ministry of Research and Innovation as Intermediate Body for Competitiveness Operational Program 2014-2020.

Beneficiary: Academy of Medical Sciences



Total project value: 58,910,613.34 lei

2023 – CURRENT

"Project SG2.22 'Telemedicine Services for Disadvantaged Groups with Chronic Conditions in Remote Areas of Northeast Romania', funded under the 'Challenges in Public Health at the European Level' Program – EEA Financial Mechanism 2014 – 2021

Financing Contract No. AR 6240 / 31.03.2023

Coordinator for Telemedicine Services

2020 – 2023

"CARDIOSCARS IN CKD" - PN-III-P4-ID-PCE-2020-2393

Member of the Team

The main aim of study is to holistically assess the CV risk in a CKD population, following COVID-19 SARS-CoV-2 infection, with focus on the endothelial dysfunction as compared to a control group of matched CKD patients, by using clinical evaluation, flow-mediated dilatation, carotid-femoral pulse wave velocity, intima-media thickness, echocardiographic parameters, lung ultrasound, bioimpedance spectroscopy and a series of novel biomarkers, in order to determine the long-term impact of this disease on CV and renal outcomes.

2016 – 2019

"Morphoanatomical and Pathophysiological Aspects of Coronary Artery Bypass Grafting in Terms of Long-Term Outcome" (CABOT) Internal Grant

University of Medicine and Pharmacy "Gr. T. Popa" Internal GRANT



Member of the Team

HONOURS AND AWARDS

01/2020 European Society of Cardiology

FESC : Fellow of the ESC

NETWORKS AND MEMBERSHIPS

2019 – CURRENT

Member of the WorkGroup on Thrombosis - European Society of Cardiology

2020 – CURRENT

Member of the WorkGroup on e-Cardiology - European Society of Cardiology

2018 – CURRENT

Associate of the European Association of Percutaneous Cardiovascular Interventions (EAPCI)

2019 – CURRENT

European Association of Preventive Cardiology - Regular Member

2006 – CURRENT Bucharest

Member of the Romanian Society of Cardiology

SOCIAL AND POLITICAL ACTIVITIES

2020 – 2024 "Alexandru Ioan Cuza" University - Iasi, Romania

BA în Religious Studies

2011 – CURRENT Iasi

Volunteer

Contributor at Metropolis of Moldavia and Bukovina Church: Engaged in community service and organizational activities, including event coordination, community outreach, and leadership in various church initiatives.



Demonstrated strong organizational, communication, and teamwork skills in a collaborative and diverse environment.

HOBBIES AND INTERESTS

● **Active Participation in Fitness and Health**

Regularly engaged in fitness activities focused on muscle building and maintaining physical health. Dedicated to evidence-based approaches in sports for optimal health and wellbeing

● **Family Development and Well-being**

Actively invested in the growth and stability of my family through dedicated time and educational efforts.

● **Committed to Personal Growth and Empathy through Reading**

Regularly engage in extensive reading with a focus on personal development and understanding others. Aim to cultivate empathy, warmth, and a greater sense of societal contribution through insightful literature.

PROFESSIONAL SKILLS

● **Government Administration in Healthcare projects**

● **Artificial Intelligence (AI) in Medicine**

● **Medical Team Management**

● **Telemedicine**

● **Healthcare Digitalization**

● **Telehealth**

● **Statistical Data Analysis**

● **Scientific Research Methodology**

● **Project Management**

● **Interventional Cardiology**

SCIENTIFIC WORK - PUBLICATIONS

2005 – CURRENT

● **Published Author**

Authored 126 ISI-indexed articles in Web of Science with a cumulative impact factor of 300.
Demonstrated significant academic influence with an H-index of 19.
Over 1100 citations in Web of Science.
Co-Author in a European Medical Treatise (Springer).

2005 – CURRENT

● **Editorial Roles**

Served as Editor and Invited Section Editor for five ISI-indexed journals, contributing to the advancement of cardiology and nephro-cardiology. Demonstrated editorial leadership and expertise in guiding high-quality scholarly publications.