




## Alexandru Burlacu

**Date of birth:** 26/01/1980

**Nationality:** Romanian


**Gender:** Male

### CONTACT


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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

**08/2023 – CURRENT** Iasi, Romania

**Medical Director** Cardiovascular Diseases Institute

**2021 – CURRENT** Iasi, Romania

**(Associate) Professor of Medicine** University of Medicine and Pharmacy "Gr. T. Popa"

**08/2023 – CURRENT** Bucharest, Romania

**Scientific Research Supervisor** CNCS - National Research Council (Ministry of Education and Research)

**01/2020 – CURRENT** Bucharest, Romania

**Coordinator of the Digitization and Automation Thematic Group** AngioNet Cluster - Romanian Academy of Medical Sciences

**2022 – CURRENT** Bucharest, Romania

**Scientific Expert Evaluator** UEFISCDI - Executive Agency for Higher Education, Research, Development and Innovation Funding

**11/2019 – 04/2020** Bucharest, Romania

**Advisor to the Minister of Health** Ministry of Health (OMS R1198/19.11.2019)

**10/2019 – 08/2021** Bucharest, Romania

**Member of the Ministerial Commission for Acute Myocardial Infarction** Ministry of Health

**12/2019 – 07/2022** Bucharest, Romania

**National Coordinator - National Interventional Cardiology Program** National Health Insurance House - CNAS - (no. P11029/16.12.2019)

**2018 – 2021** Iasi, Romania

**Head of the Interventional Cardiology Department** Cardiovascular Diseases Institute

**2018 – 2021** Iasi, Romania

**Regional Coordinator - Acute Myocardial Infarction Priority Action** Cardiovascular Diseases Institute



2020 – CURRENT Iasi, Romania

**Founder & Coordinator of the Artificial Intelligence in Medicine - Introductory Course** University of Medicine and Pharmacy "Gr. T. Popa"

2014 – 2020 Bucharest, Romania

**Researcher** Romanian Academy of Medical Sciences

2013 – 2016 Iasi, Romania

**Medical Director** Providenta Medical Clinic - Metropolis of Moldavia and Bukovina

2018 – 2021 Iasi, Romania

**Lecturer** University of Medicine and Pharmacy "Gr. T. Popa"

2016 – CURRENT Iasi, Romania

**Senior Interventional Cardiologist** Cardiovascular Diseases Institute

2015 – 2018 Iasi, Romania

**Assistant lecturer** University of Medicine and Pharmacy "Gr. T. Popa"

2011 – 2015 Iasi, Romania

**Consultant Interventional Cardiologist** Cardiovascular Diseases Institute

## 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

**Reading** C2

**Writing** C2

**Spoken production** C2

**Spoken interaction** C2

**French**

**Listening** C1

**Reading** C1

**Writing** B2

**Spoken production** B1

**Spoken interaction** B2

**Italian**

**Listening** B1

**Reading** B1

**Writing** B1

**Spoken production** A2

**Spoken interaction** A2

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



## DIGITAL 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

**IC3 ACHIEVEMENT CREDENTIAL IN COMPUTING FUNDAMENTALS**

**IC3 ACHIEVEMENT CREDENTIAL IN LIVING ONLINE**

**IC3 ACHIEVEMENT CREDENTIAL IN KEY APPLICATIONS**

## ADDITIONAL INFORMATION

### 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**

### Driving Licence

- **Driving Licence: B**

### 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**

### 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

## 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.

## Scientific work - Publications

**2005 – CURRENT**

**Published Author**

Authored 100 ISI-indexed articles in Web of Science with a cumulative impact factor of 250 as the principal author. Demonstrated significant academic influence with an H-index of 15.  
Over 620 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.