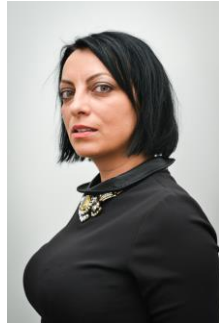


## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Oana Maria ABUREL (DUICU)**  
Address Department of Pathophysiology - Functional Sciences, Faculty of Medicine "Victor Babes" University of Medicine and Pharmacy Timisoara 2, Eftimie Murgu Sq., Timisoara 300041, Romania  
E-mail(s) [oanaduicu@umft.ro](mailto: oanaduicu@umft.ro)  
Nationality Romanian  
Date of birth 17 October 1975

### Occupational field **Research, Teaching and Health**

#### Work experience

<b>Dates</b>	<b>January 2001 - June 2001</b>
Occupation or position held	Intern
Main activities and responsibilities	Clinical activity
Name and address of employer	Clinical Hospital No.1 Timisoara. Clinic of Nutrition and Metabolic Diseases
Type of business or sector	Health
<b>Dates</b>	<b>July 2001 - December 2001</b>
Occupation or position held	Intern
Main activities and responsibilities	Clinical activity
Name and address of employer	Clinical Hospital, No.1 Timisoara. Clinic of Orthopaedic and Traumatology
Type of business or sector	Health
<b>Dates</b>	<b>January 2003 - January 2008</b>
Occupation or position held	Resident physician in Laboratory Medicine
Main activities and responsibilities	Clinical activity
Name and address of employer	Clinical Hospital, No.1 Timisoara. Clinical Laboratory
Type of business or sector	Health
<b>Dates</b>	<b>February 2003 - February 2006</b>
Occupation or position held	Teaching Assistant
Main activities and responsibilities	Teaching and research activity
Name and address of employer	University of Medicine and Pharmacy "Victor Babes" Timisoara (Romania) Pathophysiology Department
Type of business or sector	Education and health

**Dates** February 2006 - May 2014  
Occupation or position held Assistant Professor  
Main activities and responsibilities Teaching and research activity  
Name and address of employer University of Medicine and Pharmacy "Victor Babes" Timisoara (Romania) Pathophysiology Department  
Type of business or sector Education and health

**Dates** May 2014 – July 2015  
Occupation or position held Lecturer  
Main activities and responsibilities Teaching and research activity  
Name and address of employer University of Medicine and Pharmacy "Victor Babes" Timisoara (Romania) Pathophysiology Department  
Type of business or sector Education and health

**Dates** July 2015 – to date  
Occupation or position held Associate Professor  
Main activities and responsibilities Teaching and research activity  
Name and address of employer University of Medicine and Pharmacy "Victor Babes" Timisoara (Romania) Pathophysiology Department  
Type of business or sector Education and health

**Dates** November 2019 – May 2023  
Occupation or position held MD  
Main activities and responsibilities Laboratory Medicine  
Name and address of employer Pediatric Emergency Hospital "Louis Turcanu"  
Type of business or sector Health

**Dates** May 2023 – to date  
Occupation or position held MD, Chief of Laboratory  
Main activities and responsibilities Laboratory Medicine  
Name and address of employer Pediatric Emergency Hospital "Louis Turcanu"  
Type of business or sector Health

## Education and training

**Dates** October 1994 - November 2000  
Title of qualification awarded Medical Doctor diploma nr. 663/20.11.2000  
Principal subjects / occupational skills covered Medical Doctor/Clinical activity  
Name and type of organisation providing education and training University of Medicine and Pharmacy "Victor Babes" 2 Eftimie Murgu Sq., 300041 Timisoara (Romania)

**Dates** January 2003 - January 2008  
Title of qualification awarded Board Certificate Laboratory Medicine nr. 2140/2007  
Principal subjects / occupational skills covered Medical Science  
Name and type of organisation providing education and training University of Medicine and Pharmacy "Victor Babes" 2 Eftimie Murgu Sq., 300041 Timisoara

**Dates** November 2009 - April 2013  
Title of qualification awarded PhD – „Summa cum laude”  
Principal subjects/occupational skills covered Major research fields: ageing and mitochondria dysfunction, ischemia/reperfusion injury, cardioprotection

Name and type of organisation providing education and training  
Level in national or international classification

University of Medicine and Pharmacy "Victor Babes" – Coordinator Prof Dr Danina Muntean  
2 Eftimie Murgu Sq., 300041 Timisoara (Romania)  
Faculty of Medicine, University of Szeged, Hungary – Coordinator Prof Dr Peter Ferdinandy  
3rd Cycle of Qualification in EHEA

**Personal skills and competences**

Mother tongue(s)

**Romanian**

Other language(s)

Self-assessment  
European level (\*)

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Advanced level	C1	Advanced level	C1	Advanced level	C1	Advanced level	C1	Advanced level
B2	Independent level	B2	Independent level	B2	Independent level	B2	Independent level	B2	Independent level

(\*) [Common European Framework of Reference \(CEF\) level](#)

**Social skills and competences**

**Competences in Research obtained by attending training scholarships/courses:**

**International scholarship:**

- **Summer School:** "Mitochondrial Physiology - From Organelle to Organism": 17-21 august 2015, Copenhagen, Denmark
- Short Term Scientific Mission within the **COST project Action TD0901** at Division of Mitochondrial Biology, Institute for Diabetes and Obesity, Helmholtz Zentrum Munich, Germany (9.06.-12.07.2013, COST-STSM- TD0901-13388).
- PhD research mobility in the University of Szeged, Department of Biochemistry; Prof. Dr. Peter Ferdinandy. Szeged, Hungary, 1 june – 1 august 2012, 1 october – 1 november 2012;
- PhD research mobility in the Institut National de la Sante et de la Recherche Medicale, Université Claude Bernard-Lyon 1, France; Prof. Dr. Michel Ovize. Lyon, France, 2 april – 2 august 2011
- Short Term Scientific Mission, **COST FA0602 Bioactive food components, mitochondrial function and health**. Reference code: COST-STSM-FA0602-06082 Mitochondrial Physiology, D. Swarovski Research Laboratory, Medical University of Innsbruck, Department of General and Transplant Surgery: 01.10.2010 – 07.11.2010, Austria
- Short Term Scientific Mission, **COST FA0602 Bioactive food components, mitochondrial function and health**. Reference code: COST-STSM-FA0602-05362 Laboratory of Biochemistry, Institute for Biomedical Research, Kaunas University of Medicine: 19/10/2009 - 22/11/2009
- Project Leonardo da Vinci 79226/TD/2003 "Genomic approaches in cardiovascular diseases and cancer in Romania": Max Planck Institute, Berlin, 01.10-01.12. 2004

**National scholarship:**

- PhD Fellowship within the POSDRU/1.5/88/S/ID project 63117 (2010-2013)
- Postdoctoral Fellowship within the POSDRU/159/1.5/S/136893 (2014-2015)

**Organisational skills and competences**

**Competences in research coordination, management of research projects**

**I. Responsible for Laboratory for Mitochondrial Research within the Center for Translational Research & Systems Medicine within the "Victor Babes" University of Medicine and Pharmacy of Timisoara, Romania (since 2014)**

**II. Participation in International/National Research Projects:**

**A. INTERNATIONAL PROJECTS (5)**

**Project director:**

1. Romania-France Cooperation Mobilities Programme „Brancusi-Hubert Curien”, "Novel Insights in Vascular Protection Mediated By Purinergic Signaling" – PUR-VASC-PROTECT , project no. 75 BM, 2017-2018

**Project member:**

1. Hungary-Romania Cross-Border Cooperation Programme 2007-2013, "Twinning Project for the Joint Development of the Research Infrastructure", code 1101/082/2.2.1, 2013-2014

2. Hungary-Romania Cross-Border Co-operation Programme 2007-2013, "Development of the infrastructure for a pole of excellence in cardiovascular research – HURO-CARDIO-POL", project no. HURO/0802/011\_AF, 2010-2012
3. Hungary-Romania Cross-Border Co-operation Programme 2007-2013 "Implementation of a regional project for translational medical research concerning diseases with high impact in population - HU-RO TRANSMED", project no. HURO/0901/137/2.2.2, 2011-2012
4. Romanian–Hungarian Bilateral Cooperation "Implementation of a Regional Training Network in Experimental Cardiology", Category: Romanian – Hungarian Joint Projects in SIFT, code RO 24/2007 ID RO 17/2007, contract nr. 55/2008, 2008-2009

## B. NATIONAL PROJECTS (8)

### Project director:

1. Institutional Internal Project within the Program Partnerships in Innovative Basic Research: „Modulation of mitochondrial function by methylene blue in human cardiovascular adipose tissue” – MITO-MB-CURAT , project no. 2POSTDOC/1387/03.02.2020

### Project partner/responsible:

1. Institutional Internal Project within the Program Partnerships in Innovative Basic Research: „Contribution of MAO-induced oxidative stress at cardiovascular dysfunction and prognosis of coronary patients with and without diabetes mellitus” – MAO-CARDIO-SOX, code PIII-C1-PCFI-2014/2015.

### Project member:

1. Institutional Internal Project within the Program Partnerships in Innovative Basic Research „The role of vitamin D in vascular and mitochondrial modulation at adipose tissue level, in animal models and humans” – VASC-ADIPO-MIT, code III-C5-PCFI-2017/2018-01
2. Institutional Internal Project within the Program Partnerships in Innovative Basic Research: "New pharmaceutical approaches for modulating the bioavailability of potential chemopreventive flavonoids for malignant melanoma" – FLAVOFORM, code PIII-C1-PCFI 2015/2016
3. National Association for Scientific Research (NASR), Exploratory Research Project "Evaluation of cardioprotective effects of K-ATP channels modulation" code PCE-2012-4-0512, 2013-2015
4. National Association for Scientific Research (NASR) Project "Cardioprotective Strategies at Reperfusion: Mitochondria as Multiple Therapeutic Target" - CARDIO-MITO-PROT, category: Complex Partnerships II, code 2560/2008, contract nr. 42 122/2008, 2008-2011
5. Romanian Academy Grant (GAR)– "In vitro studies concerning the respiratory function of the mitochondrial subpopulations isolated from the mammalian myocardium", contract 152/2007 and 148/2008, 2006 – 2008

## Technical skills and competences

### I. Education Related Competences:

1. **First and co-author in 13 books (manuals/practical guides in the field of Pathophysiology in Romanian, English & French)**
2. **Lecturer in postgraduate lectures within the University :**
  - "Oxidative Stress in cardiovascular pathology. New concepts concerning the role of reactive species generated at mitochondrial level", 25.02–28.02.2010 (M 1), 04.03–06.03.2010 (M 2);
  - "The Diagnostic and Prognostic Role of Biomarkers in Cardio-Metabolic, Renal and Rheumatologic Diseases", 17-28.03.2016, 2-10.04.2015;
  - "Novel Insights Into Laboratory Diagnostic: From New Biomarkers to Algorhythms", 6-15.06.2014.

### II. Research Related Competences

1. **Scientific Activity: H Index: 18; 1067 citations** (Google Scholar, 18.11.2023)

### 2. Affiliation to Professional Societies

**A. International Societies:** International Academy of Cardiovascular Sciences (IACS)

**B. National Societies:** Romanian Society Of Biochemistry and Molecular Biology affiliated to FEBS (Federation of European Biochemical Societies); Romanian Society for Physiological Sciences affiliated to FEPS (Federation of European Physiology Societies) and IUPS (International Union of Physiology Societies); Romanian Society for Pathophysiology.

### 3. Research Areas of Interest:

- Cardiovascular pathophysiology: ischemia/reperfusion injury & cardioprotective strategies
- Mitochondria dysfunction in chronic diseases and ageing: from mechanisms to novel therapeutic compounds

#### 4. AWARDS:

##### A. International

1. Best poster presentation award offered by Turkish Society of Cardiovascular Surgery for the poster entitled: "Age Effects on Mitochondrial Respiration and Membrane Potential in Rat Hearts", within the **International Symposium on New Approaches in Cardiovascular Disorders: From Genes & Molecules to Clinical Application**, held in Ankara, Turkey, from 4 to 8 may, 2011  
Poster

2. Poster award at the **International Symposium Advances in cardiovascular research from bench to bedside**, Smolenice Castle, Slovakia, May 23-26, 2013.

3. **Elisabeth Roth Travel Award Winner** for the poster entitled: " Impairment of platelet mitochondrial respiration in patients with metabolic syndrome: a pilot study" within the **4th European Section Meeting of the International Academy of Cardiovascular Sciences**, Pecs, Hungary, 28-30 September, 2017

##### B. National:

1. 1st prize for scientific research within the University of Medicine and Pharmacy Victor Babes Timisoara, 2014

Computer skills and competences

Word, Powerpoint, Excel, Photoshop, ImageJ, GraphPad

Other skills and competences

DFP médical B2 (Diplôme de Français Professionnel Médical) – BIEN

Quality Management System Lead Auditor Diploma in Medical Laboratory Analyses – SR EN ISO 15189:2013 SR EN ISO 19011:2018 (OCTOBER 2021)

Driving licence(s)

B