



Curriculum vitae Europass

Personal information

Surname(s) / First name(s) **Anghel Andrei**
Office address Pta Eftimie Murgu, nr.2, 3000041, Timisoara, Romania
Mobile
Fax 0040256221554
E-mail biochim@umft.ro
Nationality Romanian
Date of birth
Gender Male

Work experience

| | |
|--------------------------------------|--|
| Period | 2020 – 2024 Director of Department IV, Head of Biochemistry Discipline |
| Position or post held | 2016 - 2020 Vice Rector of University of Medicine and Pharmacy "Victor Babes" Timisoara 2012 - 2016 Vice Dean of University of Medicine and Pharmacy "Victor Babes" Timisoara 2018 – present Coordinator of the Master's Degree Program - Modern Applications of Laboratory Medicine in Personalizing Medical Care |
| Main activities and responsibilities | |
| Teaching and research | 2012 – present Chair of the Commission for the Evaluation of Minimum and Mandatory Standards 2007 – present Ph coordinator, Field Medicine, OMEC. 479 / 05.03.2007 2004 – 2024 Head of Biochemistry Department |
| Period | 2003 – present Professor/ Biochemistry Department 1997-2003 Associate professor / Biochemistry Department 2002-2016 Chair of the Clinical Laboratory College 1995 Babes-Bolyai University of Cluj-Napoca Defense of doctoral thesis under the supervision of Prof. Dr. Deutsch Geza, UMF "Victor Babes," Department of Biochemistry, on the topic "Biochemical mechanisms in insulin action." The thesis was confirmed by Order of the Ministry of Education No. 67/10.05.1996 (Doctoral Diploma Series N No. 000567). 1992-1997 Head of works / Biochemistry Department 1991 – present Member of the Technical Admission Committee – Organic Chemistry |
| Name and address of employer | VICTOR BABEȘ UNIVERSITY OF MEDICINE AND PHARMACY IN TIMIȘOARA, Department IV Biochemistry and Pharmacology, Pta Eftimie Murgu, no. 2, 3000041, Timisoara, Romania |
| Type of business or sector | Professor of Medical Biochemistry, PhD supervisor, Master's program coordinator Modern applications of laboratory medicine in personalizing medical care. |

Education and training

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|---|--|
| Period | 1999 Mina Minovici Institute of Forensic Medicine, Bucharest, Department of Genetics, specializing in genotyping 1995 Institute of Biology in Szeged (Hungary) specialization in molecular biology techniques 1994 DAAD scholarship, Clinic and Polyclinic of the Faculty of Medicine in Munich, Department of Nuclear Medicine and Endocrinology 1994 Krankenhaus der Barmherzigen Brüder Hospital in Graz (Austria), specialization in hormonal analysis 1991-1995 Doctoral studies, doctoral thesis "Biochemical mechanisms in insulin action" Under the supervision of Prof. Dr. Deutsch Geza 1976-1981 University of Bucharest, Faculty of Biology, Department of Biochemistry – Bachelor's degree in Biochemistry 1972-1976 "Coriolan Brediceanu" High School, Lugoj |
| Main fields of study / skills acquired | Medical biochemistry, nucleic acid biotechnology, molecular markers in degenerative diseases, DNA genotyping, gene therapy |
| Level in national or international classification | PhD, Professor, Academic |

Personal skills and competences

Mother tongue Română

Foreign languages English, French

Self-assessment

Understanding

Speaking

Writing

European level

Listening

Reading

Participation in conversation

Oral expression

Written expression

Language

C1 English C1 English C1 English C1 English C1 English

Language

C2 French C2 French C2 French C2 French C2 French

(*) Common European Framework of Reference for Languages

Social skills and competences

Bologna Professor 2010 edition

Member of the National Commission for Biological Safety 2016 – present

Organizational skills and competences

Scientific project manager - CEEEX 2005, 2006

- CNCSIS 2005, 2006, 2008

- PN II 2007, 2008

- FDI 2019, 2021.

Conference organizer

- The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology, Timisoara, 6-8 sept. 2007

- Summer School in embryology and embryonic stem cell biology, Timisoara, 7-25 iulie 2008

- The Firth International Conference „Chronic lesions of the inferior limb multidisciplinary approach for reducing the number of lower limb amputations” Timisoara, 14 - 15 may 2010

- The International Conference of the Romanian Society of Biochemistry and Molecular Biology, Timisoara, 6-8 iunie. 2017

Member - Romanian Society of Biochemistry and Molecular Biology,
President of the Timis branch

- Romanian Society of Cellular and Molecular Biology

- European Society of Human Genetics

- European Society of Gene and Cell Therapy

Expert evaluator Cellular Signalling, Molecules, European Journal of Pharmacology, Gene Reports, Journal of Functional Foods, Biomolecules, Open Medicine, Journal of International Medical Research

Technical skills and competences

5 invention patents, research laboratories organizer

Computer skills and competences

Advanced

Other skills and competences

Nucleic acid biochemistry, gene therapy

Driving licence

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Additional information

Over 70 books (courses, monographs), over 100 articles (70 ISI) published in medical scientific journals.

Anexe

National scientific priorities

1. First population analysis study through DNA genotyping

A.Anghel, C. Marian, Mara Pitulescu, Alina Daba, I.O.Sirbu, V.Rusu,B.Budowle "Population genetic study of eight short tandem repeat loci CSF1PO, TPOX, TH01, F13A01, FESFPS, vWA, F13B and LPL in the Western Romanian population" (2003) Forensic Science International 131, pag. 218-219

2. The first clinical trial of gene therapy

Anghel A, Taranu G, Seclaman E, Rata A, Tamas L, Moldovan H, Ursoniu S, Samoila C, Ionac M, Popa-Wagner A, Safety of vascular endothelial and hepatocyte growth factor gene therapy in patients with critical limb ischemia, Curr Neurovasc Res. 2011 Aug 1;8(3):183-9

3. The first study project on the transfer of genetic material (microRNA) from plants to humans

Maria Sala –Cirtog, Catalin Marian, **Andrei Anghel** * , New insights of medicinal plant therapeutic activity—The miRNA transfer,Biomedicine&Pharmacotherapy, Volume 74, August 2015, Pages 228–232

4. First analysis of metabolic changes at the transcriptional control level generated by a plant-based diet

Seclaman E , Balacescu L , Balacescu O , Bejinar C , Udrescu M , Marian C , Sirbu IO , **Anghel A** , MicroRNAs mediate liver transcriptome changes upon soy diet intervention in mice, Journal Of Cellular And Molecular Medicine, 2019,Volume: 23,Issue: 3,Pages: 2263-2267, DOI: 10.1111/jcmm.14140