



Mircea Focsa

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Address: Ion Vidu 16, Timisoara (Romania)

WORK EXPERIENCE

Associate Professor

"Victor Babes" University of Medicine and Pharmacy [01/10/2001 – Current]

Address: Eftimie Murgu 2 Sqr., 300041 Timisoara (Romania) - <http://umft.ro>

City: Timisoara

Country: Romania

Name of unit or department: Functional Sciences - **Business or sector:** Education

Teaching Medical Informatics and Biostatistics - lectures and laboratory works for undergraduate and postgraduate students (Romanian and English section);

Deployment of the online support for the Medical Informatics (Moodle: 2004-present) - course and practical works materials, homework, tests, forum, and online final assessment;

Network administration for Medical Informatics Discipline:2001-2005 (server+30 stations); Developer and Administrator of the university eLearning platform (Moodle) - more than 1k courses and 10k users' accounts;

Member of the Committee for the Admission exam, the License exam and Entrance in Residency exam; Rector's academic advisor on IT&C issues.

Independent consultant

Mosaic Works [01/07/2014 – 31/12/2015]

Address: București (Romania)

Ontology development on Protege, for the EHR platform „Intellimed". The bilingual (En-Fr) ontology, designated for Belgian GPs, has 20k core concepts and 75k axioms, including the CECAM terminology, SNOMED core and an FMA extract, with UMLS-CUI references.

Senior medical analyst

Medicognos SA [15/08/2008 – 31/07/2010]

Address: (Belgium)

Analyze the functional requirements for the development of an EHR;

Development of a multilingual (En-Fr) terminology and ontology for primary care;

Knowledge management; Clinical pathway design; Symptom checker - web Application

General manager

Fokart Publishing House [06/2004 – 05/2006]

Address: Timisoara (Romania)

- Coordinating the publishing activity;
- Database design and management (Access, MySQL);
- Web-design (HTML, PHP, Flash) and web-admin

Medical intern

Timis County Health Department [01/1996 – 10/1996]

Address: Timisoara (Romania)

Internships in Obstetrics - Gynecology, Cardiovascular Rehabilitation and Pediatrics

EDUCATION AND TRAINING

Specialist in Public Health and Healthcare Management

"Victor Babes" University of Medicine and Pharmacy [10/2004 – 10/2008]

Address: Timisoara (Romania)

Level in EQF: EQF level 7

Public Health and Healthcare Management

PhD in Medical Science

"Victor Babes" University of Medicine and Pharmacy [10/2001 – 03/2007]

Address: Timisoara (Romania)

Level in EQF: EQF level 8

Medical Science - Bioinformatics - EHR

Graduate Diploma for Advanced Databases postgraduate course

University of the West [02/2003 – 07/2003]

Address: Timisoara (Romania)

Level in EQF: EQF level 6

Oracle
MySQL

Master in Medical Informatics and Biostatistics

"Iuliu Hatieganu" University of Medicine and Pharmacy [10/2000 – 07/2001]

Address: Cluj Napoca (Romania)

Level in EQF: EQF level 7

Medical Informatics
Biostatistics
Image processing

Graduate Diploma for Distributive Informatics

University of the West [10/1999 – 10/2000]

Address: Timisoara (Romania)

Level in EQF: EQF level 6

Computer Architecture, Computer Networks, Distributed Operating Systems, Artificial Intelligence, Algorithms Theory, Mathematical software, Graphical Interfaces, Programming algorithms, Data Structures, C/C++ programming, Distributive DataBases

Medical doctor - License in General Medicine

"Victor Babes" University of Medicine and Pharmacy [09/1989 – 07/1995]

Address: Timisoara (Romania)

Level in EQF: EQF level 6

General Medicine

LANGUAGE SKILLS

Mother tongue(s): **Romanian**

Other language(s):

English

LISTENING C1 READING C2 WRITING C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING B1 READING B1 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

DIGITAL SKILLS

Microsoft Office / Basic Python programming skills / Database: SQL, Oracle

NETWORKS AND MEMBERSHIPS

Memberships

- Member of the **EUROREC General Assembly** – European Institute for Health Records
- President of **PROREC Romania** - Romanian Association for Electronic Registration of Medical Data
- Member of **RSMI** – Romanian Society of Medical Informatics
- Member of **RSPAB** - Romanian Society of Pure and Applied Biophysics
- Member of **ISCB** - International Society for Clinical Biostatistics
- Member of **CMSBAD** - Center for Modeling Biological Systems and Data Analysis

DRIVING LICENCE

Driving Licence: B

CONFERENCES AND SEMINARS

Conferences

- National conferences of Medical Informatics: **2014** - Bucharest, **2012** – Timisoara, **2010** – Arad, **2007** – Sibiu, **2006**-Timișoara, **2004** -Tg. Mureș, **2003** - Craiova, **2002** - Timisoara, **2001** - Bucharest
- The European Conference on Medical Informatics: **MIE 2002** - Budapest, **MIE 2009**- Sarajevo
- Annual **Eurorec Conference**: Tallinn – **2010**, Sarajevo - **2009**, Vienna – **2007**, Geneva – **2006**
- **The World of Health IT** Conference: **2010** - Barcelona, **2009** - Prague, **2007** - Viena, **2006** - Geneva
- **eHealth High Level Conference**: **2008** - Portoroz, Slovenia; **2006** - Malaga, Spain
- **Graz Conference on Medical Education**: Viena - **2013**, Timișoara - **2012**
- Conference **Forum Invest**: Policies & Business Mechanisms in the CEE Healthcare Sectors, Bucharest, **2007**, **2008**
- **ROCS 2007** - e-Health: priorities and strategies for ROMANIA, Bucharest, 2007
- **STC 2006 & Romedinf** - EFMI Special Topic Conferences - Timisoara, **2006**

PROJECTS

Projects

- *Projects with **European** funds:*

Ian. 2006 - July 2008 - **"QREC"** – *European Quality Labelling and Certification of EHR Systems*; grant FP 6 - Contract IST-027370-SSA; legally authorised representative Prorec RO

Feb. 2009 – Jan. 2012 – **EHR-QTM**- *Thematic Network on Quality Labelling And Certification of EHR Systems*; grant FP7 CIP – 238912; legally authorised representative Prorec Romania

May 2010 – July 2012 – **epSOS (I/II)** - *Smart Open Services for European Patients*; grant FP7 CIP - ICT PSP; Industry Team member (Medicognos)

Sept. 2010 – Feb. 2012 - **SESPROT** - *Joint efforts to describe the solute effects on the structure and function of bioenergetically and medically relevant proteins and peptides*; HURO/0901/219/2.2.2; member (University of Medicine and Pharmacy Timisoara)

Apr. 2012 – Dec. 2013 – **EMediqua** - *European quality and professional competence in medical education and in management of the educational activities*; POSDRU 86/1.2/S/63815; management team member and IT expert for educational management tools (University of Medicine and Pharmacy Timisoara)

April. 2013 - **ANATOMOPAT** *Morphopathology Laboratory - professional and organizational training through implementation of quality management*; POSDRU/81/3.2/S/58942;

2017-2019 - **DOOLEE** *Development Of Online Learning Environment for e-Health*; Erasmus + 2017-1-BG01-KA203-036310

- *Projects with **national** funds:*

- 2007-2010 – **„SIMIMED"** - Sistem integrat de management a informațiilor medicale utilizând standardul HL7, grant PNCDI-II

- Oct. 2006 - July 2008- **"MaternQual"** - Sistem informatic integrat de evaluare complexă a factorilor asociați predicției riscului și calității în obstetrică; grant CEEX Nr. 99/2006

- Oct. 2005 - July 2008 - **„NanoSim"** - Procese de transport și structurare la scară micro/nanometrică în biomedicină și știința materialelor; grant CEEX Nr. 11/2005

- Oct. 2004 - July 2006 - **"BioVIEW"** - Pachet de programe pentru simularea proceselor biologice cu interfață dedicată; grant VIASAN Nr. 312/2004

- Oct. 2004 - July 2006- **"CARDIORISC"** - Evaluarea riscului cardio-vascular la tineri; metode de bune practici în educația pentru sănătate; grant VIASAN Nr. 465/2004

ORGANISATIONAL SKILLS

Organisational skills

- Leadership

- founding member and from 2011 President of the Prorec Romania Association
- 2013 founding member and leader of the eLearning Center - Victor Babes University of Medicine and Pharmacy Timisoara
- the Romanian partner representative in 3 projects (FP6, FP7, Erasmus+)

- Organizational skills

- Consultancy for the integration of the first Romanian hospitals into Clinerion Global patient recruitment network for Clinical Trials - 2016-2018
- Secretary of the Organizing committee:
 - STC 2006 & Romedinf - EFMI Special Topic Conferences - Timisoara, 2006
 - Workshop - Present and Future of EHR (Electronic Health Record) in Romania, Bucharest, 2007
 - Co-chair RO-MEDINF 2010 - The 31 Medical Informatics National Conference

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

good communication skills gained through participation in:

- Large international research consortia (Eurorec Institute)
- International EHR development team (team members from Belgium, USA, Ireland and Romania) - Medicognos 2008-2010, Mosaic Works 2014-2015
- Theme Advisory Committee for Health Services (CCTSS) of the Ministry of Health, Working Group 2-Health Information Technologies-eHealth (2012-2013)

JOB-RELATED SKILLS

Job-related skills

- External Expert for European Commission:

- COST - EU Framework Program
- CEF-Telecom - eHealth area
- Horizon 2020

- National expert UEFISCDI

- **Editor:** J Med Internet Res, JMIR mHealth and uHealth, JMIR Medical Informatics, JMIR Public Health & Surveillance

- Invited speaker:

- SyberCon - European Cybersecurity Conference 2018, Sofia, Bulgaria
- MoodleMoot România 2016, Timișoara, Romania
- South-East Europe Summit on eHealth Interoperability, Athen, Greece, 2014
- Certification of Electronic Health Record Systems Conference, Lodz, Poland 2012
- The World of Health IT 2007 Conference (section ES23), Vienna

- **Member of the scientific committee** of Medinf 2007 Conference, and Romedinf 2014

- **Reviewer** - Romedinf 2006, MIE 2009- 2018, Medinfo 2019, pHealth 2015, NI2016-2019, EFMI STC - 2016-2019, Journal of Medical Systems, Applied Medical Informatics, Journal of Medical Internet Research