



## Curriculum vitae Europass

### Personal Data

Name / Surname **VERNIC, VIOLETA CORINA**

E-mail [cvernic@umft.ro](mailto:cvernic@umft.ro), [cvernic@yahoo.com](mailto:cvernic@yahoo.com),

Nationality Romanian

Gender Female

### Job applied for / preferred job /studies applied for

**University of Medicine and Pharmacy „Victor Babes” from Timisoara  
Department of functional science; Medical Informatics and Biostatistic  
Education and research in the field of medical informatics and biostatistic**

### Work experience

Period October 2009-Present

Occupation or position held Associate Professor- Department of Medical Informatics and Biostatistic

Activities and main responsibilities Educational activity and scientific research

Employer's name and address UMF „Victor Babes” ,Timișoara, P-ța Eftimie Murgu nr.2, 300041 Timișoara

Website: [www.umft.ro](http://www.umft.ro)

Activity type or domain of activity Higher education

Period July 2006- July 2009

Occupation or position held Associated analytical programmer

Activities and main responsibilities

Scientific research

Employer's name and address Spitalul Clinic Județean de Urgență Timișoara, Bd. I. Bulbuca nr.156, 300736 Timișoara

Tel: 02 56 46 30 01 - Fax: 02 56 48 69 56

Website: <http://www.hosptm.ro>

Activity type or domain of activity Medical statistics; hospital's department of medical statistics

Period February 2002- October 2009

Occupation or position held Assistant Professor-Department of Medical Informatics and Biostatistic

Main activities and responsibilities Educational activity and scientific research

Employer's name and address UMF „Victor Babes” ,Timișoara, P-ța Eftimie Murgu nr.2, 300041 Timișoara

Website: [www.umft.ro](http://www.umft.ro)

Activity type or domain of activity Higher education

Period February 1994- February 2002

Occupation or position held Assistent -Department of Medical Informatics and Biostatistic

Main activities and responsibilities Educational activity and scientific research  
Employer's name and address UMF „Victor Babeş” ,Timișoara, P-ța Eftimie Murgu nr.2, 300041 Timișoara  
Tel: 02 56 22 04 79 - Fax: 02 56 22 04 79 - E-mail: scr-stin@umft.ro  
Website: http://www.umft.ro

Main activities and responsibilities Educational activity and scientific research  
Period June 1990- February 1994  
Occupation or position held analytical programmer  
Employer's name and address Spitalul Clinic Județean de Urgență Timișoara, Bd. I. Bulbuca nr.156, 300736 Timișoara  
Tel: 02 56 46 30 01 - Fax: 02 56 48 69 56  
Website: http://www.hosptm.ro

Main activities and responsibilities Programming and scientific research

### Education

Period September 2009 – February 2011  
Qualification / achieved diploma Master Diploma  
Main studied disciplines/ Achieved professional qualifications Sanitary Management, bioinformatics and biostatistic  
Name and type of educational institution University of Medicine and Pharmacy „GR.T.POPA“ Iasi  
Level in the national or international classification ISCED 5A  
Period September 1997 – September 2002  
Qualification / achieved diploma PHD in Mathematics  
Main studied disciplines/ Achieved professional qualifications Analytical methods for the study of biodynamic systems  
Name and type of educational institution West University from Timisoara  
Level in the national or international classification ISCED 6  
Period September 1984 – June 1989  
Qualification / achieved diploma Mathematics, Informatics  
Main studied disciplines/ Achieved professional Mathematical analysis, geometry, algebra, differential equations, computer science basics, data operating and teleprocessing systems, probability calculations and mathematical statistics, operational research, formal languages and compilation techniques, data structures and databases, algorithm theory, numerical analysis , pedagogy and philosophy  
Name and type of educational institution University of Timisoara, Faculty of Natural Sciences, Mathematics profile, computer science specialization  
Level in the national or international classification ISCED 5  
Period June 19 1993 – 3 July 1993  
Qualification / achieved diploma Specialisation course  
Main studied disciplines/ Achieved professional qualifications Fifth Cambridge Seminar on the Epidemiology and Public Health Aspects of Diabetes Mellitus  
Name and type of educational institution University of Cambridge, England  
Level in the national or international classification ISCED 5A  
Period (13-17)May 1996  
Qualification / achieved diploma Specialisation course  
Main studied disciplines/ Achieved professional qualifications The analysis of Follow-up Studies

Name and type of educational institution	University of Pavia, Italy
Level in the national or international classification	ISCED 5A
Period	October 2000
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved professional qualifications	International Course in Applied Epidemiology
Name and type of educational institution	The Rollins School of Public Health at Emory University and The Centers for Disease Control and Prevention, Atlanta, Georgia, USA
Level in the national or international classification	ISCED 5A
Period	August 2004
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved professional qualifications	Statistical Methods for planning and Analysis of equivalence / non-inferiority Trials
Name and type of educational institution	University Medical Center Leiden, the Netherlands
Level in the national or international classification	ISCED 5A
Period	August 2005
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved professional qualifications	Analysis of non-compliance in clinical trials
Name and type of educational institution	Name and type of educational institution
Level in the national or international classification	ISCED 5A
Period	(22-24)October 2010
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved professional qualifications	Resampling methods (with R)
Name and type of educational institution	„Alexandru Ioan Cuza” University of Iasi, Faculty of Computer Science
Level in the national or international classification	ISCED 5A
Period	(6-8) April 2011
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved professional qualifications	Adaptive and sequential procedures for clinical trials
Name and type of educational institution	„Alexandru Ioan Cuza” University of Iasi, Faculty of Computer Science
Level in the national or international classification	ISCED 5A
Period	(15-16) April 2011
Qualification / achieved diploma	Specialisation course

Main studied disciplines/ Achieved profesional qualifications	Microsoft Project Advanced
Name and type of educational institution	UMF „Victor Babeş” ,Timișoara
Level in the national or international classification	ISCED 5A
Period	(18-20)June 2012
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	Statistical Methods for Clinical Trials
Name and type of educational institution	„Alexandru Ioan Cuza” University of Iasi, Faculty of Computer Science
Level in the national or international classification	ISCED 5A
Period	(10-11)September 2012
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	Statistical Genomics for Medical Research
Name and type of educational institution	„Alexandru Ioan Cuza” University of Iasi, Faculty of Computer Science
Level in the national or international classification	ISCED 5A
Period	(6-8) November 2014
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	Statistical Perspective in Medicine and Pharma Industry
Name and type of educational institution	University of Medicine. „Lucian Blaga” University Sibiu
Level in the national or international classification	ISCED 5A
Period	(1-2) October 2015
Qualification / achieved diploma	Specialisation course
Main studied disciplines/ Achieved profesional qualifications	Biostatistical Analysis in Epidemiological Research
Name and type of educational institution	University of Medicine. „Lucian Blaga” University Sibiu
Level in the national or international classification	ISCED 5A
Period	October 2021 – Present
Qualification / achieved diploma	PhD fellow
Name and type of educational institution	UMF „Victor Babeş” ,Timsoara
Level in the national or international classification	ISCED 6

Known foreign languages

Autoevaluation  
European level (\*)

**English**

**French**

Understanding		Speech		Writing
Listening	Reading	Conversation	Oral presentation	Written expression
B2	B2	B2	B2	B2
B1	B1	A2	A2	A2

(\*) [Nivelul Cadrului European Comun de Referință Pentru Limbi Străine](#)

Competences and social skills

Teamwork, peer dynamics, effective written and oral communication skills

Organisational /managerial skills

Managerial skills– graduated management master  
Teamwork, ability to find solutions, good organizer  
2011 EFMI Representative, IMIA of Romania on Nursing Informatics  
Participation to meetings IMIA-NI, as representative of Romania:

- 24 March 2011 IMIA – NI General Assembly, Madeira, Funchal, Portugal
- 26 June 2016 IMIA – NI General Assembly, Geneva, Switzerland
- 19-20 October 2017 IMIA – NI General Assembly
- 5 June 2018 IMIA – NI General Assembly Guadalajara, Mexico
- 30 august 2019 IMIA – NI General Assembly – virtual
- 1 Septembrie 2021 - IMIA – NI General Assembly – virtual
- 2022 - IMIA – NI General Assembly – virtual
- 2023 – IMIA\_NI General Assembly; EFMI NI working groups GA 2023 – virtual

Full member of CCATITM – Research Center in Anesthesia and Intensive Care Timișoara 2024-present

- Member of the Senate of the “Victor Babeș” University of Medicine and Pharmacy Timișoara, Jan 2024-present
- Member of the Specialized Commission of the Senate of the “Victor Babeș” University of Medicine and Pharmacy Timișoara – Commission for University and Postgraduate Studies Feb 2024-present
- Member of the working group of the Ministry of Health and WHO for the National Digital Health Strategy – September 2023-present
- Vice-President of the Romanian Society of Medical Informatics – 2023-present
- Coordinator of several Oncogen Timișoara Research Groups
- Director of the Bioinformatics Department – Oncogen Timișoara Association – 2021 – present
- Head of discipline - Medical Informatics and Biostatistics 27.01.2021-01. 2024

- Member in the organising committee of conferences “Statistical Perspective in Medicine and Pharma Industry” 6-8 November b Sibiu 2014  
-Member in the organising committee of conferences "Biostatistical Analysis in Epidemiological Research" 1-2 October 2015  
Member in the organising committee of conferences : – Medical Informatics 2021, 2019, 2017, 2012, 2010, 2006, 2002, 1993; -National Course of Guidelines and Protocols in Anesthesiology , Intensive Care and Urgencies 2012, 2011, 2010, 2009, 2008, 2007, 2006.  
1995-2015 Honorary Deputy Secretary for Organizational Affairs of the Timisoara Branch of the Academy of Medical Sciences

Computer skills

Operating and programming skills of PC.  
Advanced user of Microsoft Office and SPSS, Epi Info, R, Stata

Other job related skills

Creativity for analysis and synthesis

Driving license Category B – 2000

**Additional information**

Participation in research projects:

CNCSIS 2003 - Assessing the extent of risk behaviors in high school and youth education teachers, high school and university in Timis County; 2003-2005

VIASAN 2004 - Bio-View Software for biological processes simulation with medical; 2004-2006

CNCSIS 2005 - The benefit of comprehensive cardiac recovery of patients with coronary artery bypass graft on endothelial dysfunction - correlative study of polymorphism of endothelial synthetase; 2005-2006

CEEX 2006 - The impact of functional foods to combat obesity and atherosclerosis – ANTIATERO-ALIM; 2006-2008

CEEX 2006 - Molecular mechanisms involved in preconditioning by volatile anesthetics : the identification of molecular targets in rat myocardium to specifying protective mechanisms in human myocardium; 2006-2008

PN II- P42007 - Protocols innovative minimally invasive and noninvasive monitoring : from experimental animal model in vivo to clinical impact assessment; – PROTONEOMING; 2007-2010

PN II- P42008 - New strategies in the management of donor organs : protocol optimization heart and kidney sampling through pharmacological preconditioning with anesthetic agents – TRANACONDA; 2008-2011

PN II- Capacities - Romania - Hungary bilateral project - epidemiological modeling of human papillomavirus infection as a risk factor in cervical cancer in Csongrád and Timis - CSOTI-HPV; 2008-2009

POSDRU/155/1.2/S/141134- Project co-financed by the European Social Fund through the Sectoral Operational Program Human Resources Development 2007-2013.

„Methodological framework regarding the recognition and equivalence of professional competencies acquired formally, informally or informally by nurses who have not completed undergraduate studies. Ministry of Education. Seminar organized in June 2015. SRATI 2016 - Research grant director - Development of national registers in the field of extracorporeal techniques for vital functions, grant funded by the Romanian Society of Anesthesia and Intensive Care; 2016-2018.

. <https://www.srati.ro/departamentul-de-educatie-medicala-si-cercetare/granturi-srati>

## **Additional information Member of national and international Societies :**

EASD (European Association of Diabetes Mellitus) no.940121: 1994-1997  
IEA (International Epidemiology Association) - no.10194146: 1996-2001, 2004-2009, 2010 - present  
SRIM (Romanian Society of Medical Informatics): 1990- nowadays  
EFMI, IMIA (de la afilierea cu SRIM): 1994-nowadays  
SISPR (Society for Hygiene and Public Health in Romania): 2007-nowadays  
ISCB (International Society for Clinical Biostatistics) – Romanian National group ISCB – 2003-2008, 2010 - nowadays  
ACENDIO (Association for Common European Nursing Diagnoses, Interventions and Outcomes: 2011 - 2013  
ANIA – CARING ( Connecting, Sharing and Advancing Nursing Informatics): 2011 – 2018  
SRATI (Romanian Society of Anesthesiology and Intensive Care Unit ): 2016 - nowadays

## **Member of the editorial board of the journals:**

2006: Consultant in statistics - Journal of Hygiene and Public Health  
<http://revistaigiena.umft.ro/redactie.html>  
2010: Scientific referentof: Anals.Informatics. Tibiscus  
[http://anale-informatica.tibiscus.ro/?page=05\\_colegiuderedactie&lang=en](http://anale-informatica.tibiscus.ro/?page=05_colegiuderedactie&lang=en)  
2012 - Statistical Consultant of ROMANIAN JOURNAL of ANAESTHESIA and INTENSIVE CARE,  
<http://www.jurnalul-anestezie.ro/editorial-board/>  
2018: Editorial Advisory Board la Central European Journal of Clinical Research,  
<https://content.sciendo.com/view/journals/cejcr/cejcr-overview.xml>  
2019: <https://ceacr.archive.jams.pub/page/85> editorial board Central European Annals of Clinical Research

## **Scholarships:**

-Following a selection process of papers, I obtained 5 scholarships offered by the International Epidemiological Association to present papers at 5 international conferences in Copenhagen in 1994, The Hague in 1995, Münster 1997, Montreal 2002, Utrecht 2006  
- Following a selection process of papers, I obtained a scholarship to participate in the 15th International Diabetes Federation Congress, Kobe and Himeji, Japan, 6-11 November 1994.  
- Following a selection process based on the list of papers and the CV, I obtained a scholarship offered by the Atlanta International Health Fellowship to participate in the “International Course in Applied Epidemiology” course organized by CDC Atlanta and Emory University Rollins School of Public Health during the period 2-27 October 2000 and a scholarship to participate in the “Fifth Cambridge Seminar on the Epidemiology and Public Health Aspects of Diabetes MellitusCambridge”, England, 19 June-3 July 1993.  
- Following a selection process based on the list of papers and the CV, I obtained a scholarship offered by the Instituto di Scienze Sanitarie Applicate for participation in the course "The analysis of follow-up studies" organized by the Universita degli Studi di Pavia during the period 13-17 May 1996.  
- I also received a scholarship at the International Conference on Clinical Biostatistics ISCB in 2002 in Dijon, France.

## **Attachments**

Books, monographs or book chapters (selection):

Vernic C. Interpretative Mathematics Course. Eurobit, ISBN 973-620-062-0, 2003: 1 – 142.  
Vernic C. Analytical methods for studying biodynamic systems. Augusta Publishing House, ISBN 973-695-107-3, Timisoara, 2004: 1 – 143.  
Vernic C, Tamas P, Vernic R, Kigyosi A. Medical Informatics. Applications in Balneophysiotherapies and Recovery, Eurobit Publishing House, Timisoara, 2007: 1-144.  
Vlaicu B, Petrescu C, Fira-Mladinescu C, Fira-Mladinescu O, Ursoniu S, Putnoky S, Vernic C, Suci O, Vlaicu S, Silberberg K, Korbuly B, Ciobanu V, Caraion C, Radu I, Mancas S, Moldovan R, Petrescu P. Risk behaviors in adolescents from Timis County, Eurobit Publishing House, Timisoara, 2007: 1-238.  
Vernic CV, Mihalas GI, Apostol SA, Catu CO, Mada L, Tudor A. Applied Medical Informatics in Balneophysiotherapies and recovery. Victor Babes Publishing House, ISBN 978-606-92023-1-9, 2009: 1-155.  
Vernic CV, Mada L, Lungeanu D, Muntean C, Apostol SA, Catu CO, Ursoniu S. Practical Applications of Medical Informatics and Biostatistics. Victor Babes Publishing House, ISBN 978-606-8054-09-4, 2010: 1-229.  
Vernic CV, Timar B, Mada L. Informatics and Biostatistics in Nursing. Eurostampa Publishing House, ISBN 978-606-569-705-8, Pantanassa Collection, 2013: 1-230.  
Vernic CV, Timar B, Mada L, Apostol SA. Medical Informatics and Biostatistics Methods Applied in Nursing. Eurostampa Publishing House, ISBN 978-606-569-707-2, Derzelas Collection, 2014: 1-388.

Vernic CV, Timar B, Mada L, Apostol SA. NOTIONS OF MEDICAL INFORMATICS AND BIOSTATISTICS APPROACHES IN NURSING. Eurostampa Publishing House, ISBN 978-606-32-0152-3, Derzela Collection, 2015:1-282.

Vernic CV, Apostol SA, Frandes M, Mada L, Lungeanu D. PRACTICAL APPLICATIONS OF MEDICAL INFORMATICS AND BIOSTATISTICS IN NURSING. DVD, Eurostampa Publishing House, ISBN 978-606-32-0487-6, Derzela Collection, 2017:1-216... <http://www.eurostampa.ro/>

Vernic CV, Frandes M, Tudor A, Apostol SA, Voicu A, Serban C, Muntean C, Timar B, Lungeanu D. Biomedical data processing. Practical applications. DVD, Eurostampa Publishing House, ISBN 978-606-32-0574-3, Derzela Collection, 2018:1-350. <http://www.eurostampa.ro>

Vernic CV, Apostol SA. Medical Informatics Applications in Nursing. Eurostampa Publishing House, , Derzela Collection, 2019:1-238 , ISBN 978-606-32-0820-1. <http://www.eurostampa.ro/>

## Attachments

### **ISCB Conference Award for Scientists** for papers:

Vernic C, Ivan V, Tamas TP. Late potentials in acute myocardial infarction: survival analysis. In Book of abstracts. Editors Mike Kenward, Giota Touloumi. 28th Annual Conference of the International Society for Clinical Biostatistics, Alexandroupolis, Grecia, 29 July-2 August, 2007: 223.

Vernic C, Ursoniu S. Multivariate analysis of the factors involved in smoking and drinking in an adolescent population. In: Abstract book. The 26th Annual Conference of the ISCB in Szeged, Hungary, 21-25 August, 2005: 182.

Vernic C, Ursoniu S, Lavaei M. Logistic Regression modeling for risk behaviours in high school students from Timisoara. In: Abstract book. Annual Conference The International Society for Clinical Biostatistics 25th, 15-19 August Leiden, The Netherlands, 2004: 198.

#### **National Awards:**

##### **Certificate of Appreciation:**

In token of high appreciation and gratitude for the active involvement and valuable contribution to the development of: the National Digital Health Strategy; November 24, 2023

##### **Diploma of Scientific Merit:**

Nedelcu V, Zazu M, Gagiu C, Stan D, Dobre CE, Mareş A, Vernic C, Mazilu DC (Bucharest, Romania). Study to assess the knowledge of nurses regarding cardiopulmonary resuscitation - basic life support

##### **Second Prize – Nurses Session**

Nedelcu V, Zazu M, Gagiu C, Stan D, Dobre CE, Mareş A, Vernic C, Mazilu DC. Evidence-based recommendation for the prevention of peripheral venous catheter-associated infections-nurses knowledge assessment study. Oral communication at SRATI 2024; May 15-19. Second Prize – Nurses Session

##### **ROMEDINF Award:**

Tîrziu A, Mada L, Vernic C, Păunescu V. Immunoinformatics-Driven Design of an HPV-16 and -18 Synthetic Long Peptide Vaccine. In: Appl Med Inform 45(Suppl. S1) September/2023,37 the RoMedINF 2023 – Healthcare Green Digital Ecosystems: From Data Analysis to Digital Twins September 2023: S29

##### **INFORMATICS IN NURSING Award:**

Mazilu DC, Nedelcu V, Vernic C, Zazu M. Knowledge, Attitude and Use of Evidence-Based Practice among Nurses and Midwives in Bucharest Hospitals. In: Appl Med Inform 45(Suppl. S1) September/2023,37 the RoMedINF 2023 – Healthcare Green Digital Ecosystems: From Data Analysis to Digital Twins September 2023: S37

##### **INFORMATICS IN NURSING Special Award:**

Nedelcu V, Zazu M, Mazilu DC, Iancu E, Marc C, Vernic C, Grintescu IM. Study to Assess the Beliefs, Knowledge and Practices of PostSecondary Sanitary Schools Students regarding Hand Hygiene. In: In: Appl Med Inform 43(Suppl. S1) September/2021, RoMedINF 2021 - Digital Technology and Healthcare September 16-17, 2021: S50.  
<https://ami.info.umfcluj.ro/index.php/AMI/article/view/877>.

##### **3rd Prize - Best e-Poster:**

Rogobete AF, Bedreag OH, Cradigati CA, Sarandan M, Vernic C, Gruneantu A, Papurica M, Luca L, Sandesc M, Sandesc D. The modifies of the lipidic profile in the critically ill trauma patient. The modulation of the redox expression by administrating of the antioxidants. A prospective study SRATI 2016, 11-15 mai 2016.

##### **2nd Prize - Best e-Poster:**

Luca L , Bedreag O , Patrut R, Sarandan M, Cradigati AC, Papurică M , Rogobete AF, Rosu OM, Vernic C, SandescD.

The monitorization of the intracranial pressure (ICP) at the polytraumatized patient. The influence of optimization in the intensive therapy depending on the ICP parameters on the clinical table of critical patients. SRATI 2015, 13-17 may 2015.

**Published papres 535 –press releases, summaries, extenso, BDI, ISI.**  
h-index Web of Science : 15  
h-index Scopus: 15  
**h-index Google Scholar: 18**

Timisoara, february 2026

Conf.dr. Corina V. Vernic