



CURRICULUM VITAE

Last name: POPA

First name: MARCEL

Date of birth: March 13th, 1949

Birth place: town Dej, county Cluj Napoca, Romania

Marital status: married, 2 children

Nationality: Romanian

Home address: Aleea Domenii, nr. 36, Iasi, phone: 0232 212228; cell: 0787825669

Work address: Technical University “ Gheorghe Asachi “ of Iasi, Faculty of Chemical Engineering and Environmental Protection, Department of Natural and Synthetic Polymers, Bd. Prof.dr.docent Dimitrie Mangeron, nr. 73, 700050 Iasi, Romania

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Education: B.Sc. Chemical Engineering, Polytechnic Institute “ Gh. Asachi “, Iași, Romania – 1972

Ph.D. Polymer Chemistry and Technology, Polytechnic Institute “ Gh. Asachi “, Iași, Romania – 1979

Scientific title : Doctor Engineer

Professional title: Professor at the Technical University “ Gh. Asachi “, Iași, Romania

Visiting researcher: postdoctoral research fellowship "Haute Alsace" University, Laboratory of Macromolecular Chemistry, Mulhouse, France, 9 months (October 1991 - June 1992)

TEACHING ACTIVITY

Main teaching fields: Polymer chemistry, physics and technology

Academic positions since 1972 until present:

- teaching assistant (trainee): 1972 – 1975
- teaching assistant: 1975– 1982
- assistant lecturer: 1982 – 1991
- lecturer: 1991 – 1993
- professor: 1993
- professor *emeritus*, 2015 -
- Ph.D. supervisor in “Material Science and Engineering” since 1997; supervised **44** students who completed their program and obtained their PhD degree.

- associate professor at the “Gr. T. Popa” University of Medicine and Pharmacy, Iasi, Faculty of Medical Bioengineering, 1998-2001; 2008

Courses:

- Polymer chemistry and physics
- Technology of polymer syntheses
- Bioactive polymers
- Composite polymeric materials
- Polymeric materials engineering
- Technopolymers
- Polymer characterization methods

SCIENTIFIC ACTIVITY

Expertise fields:

- Polymer mechano-chemistry
- Composite polymeric materials
- Bioactive polymers (polymer – biologic active ingredient : drugs, enzymes, cells, microorganisms)
- Hydrogels (films, micro- and nanoparticles) for drug delivery
- Interpenetrating networks
- Polymeric biomaterials
- Chemical modifications of polysaccharides

Publications:

- Books published in home country: **7**
- Monographs and book chapters published overseas : **29**
(CRC Press–USA,TECNOMIC– USA, Martinus Nijhoff Publishers-Holand, Elsevier Science Publishers B.V-Holand, RAPRA Techn.Ltd.,-Anglia, AMERICAN SCIENTIFIC PUBLISHERS - SUA)
- Books published overseas: **2**
- Editor and translator in Romanian for books in the field : **1**
- Book editor – **2** (2 vol., AMERICAN SCIENTIFIC PUBLISHERS – SUA, Bentham)
- Published articles :**462** from which **315** in ISI listed journals
- Presented papers : **548**, from which at international scientific meetings : **412**
- Oral presentations overseas: **52**
- Book reviews : **16**
- Scientific papers reviewed for international journals : **89**
- h index: **25** (more than 2900 citations)

Authored patents : 20

Original technologies: 1

Research contracts : 97 (37 as manager)

Member in the Excellence Research Center « Polymers » (CNCSIS accredited) – “Image, publicity, recognition” Department

Member of the Laboratory “ Multi-functional highly performing polymeric materials for applications in medicine, pharmacy, microelectronics, energy/information storage, environmental protection” financed/accredited by the National Education and Research Ministry – coordinator of formative program activity

General manager of the institutional postdoctoral project “**Performance through postdoctorate for integration in the European research area**” (PERFORM-ERA) financed through structural funds (about 5 million euro)

Evaluating expert for the project « Agence Universitaire de la Francophonie » (AUF)

Evaluating expert for scientific research projects of the "Agence Nationale de Recherche" (ANR), France and CFQCU- Quebec (Canada), National Research Center (Poland)

Member of European network GALENOS NETWORK

Editor-in-Chief of *Journal of Hydrogels* (American Scientific Publishers)

Member of Editorial Board of the journals: *Molecules (Macromolecular Section)*, *International Journal of Molecular Science (Macromolecular section)*, *Journal of Environmental Engineering and Management Journal*, *Journal of pharmaceutical research and drug design*, *Journal of Nanotechnology and Nanomedicine*, *International Journal of Drug Design and Development*, *International Journal of Medical Dentistry*, *Buletinul Institutului Politehnic Iasi (sectia Chimie)*

INTERNATIONAL SCIENTIFIC COLLABORATION PROJECTS:

- **16**, with universities and research institutes located in Italy, France, Germany, Canada

INTERNATIONAL PROGRAMS COORDINATED:

- **27** programs (Erasmus programs, Leonardo da Vinci, AUF, interacademic exchanges France-Romania; Germany, Canada, Algeria, Vietnam, Tunisie, Maroc)

INVITED PROFESSOR (for lectures, conferences, research collaboration)

associated professor, « Chaire Noelting » department, Université de Haute Alsace, Mulhouse, France, October-November 2001,

invited professor at :

- Université de Rouen, Rouen, France (November 2002, September 2003, March - May 2004, July 2008, November 2016)
- « Heinrich Heine » Universität, Düsseldorf, Germany (November 2002, October 2003, April 2006, April 2010)
- Universitat Polytechnica de Catalunya, Barcelona, Spain (April 2003, September 2003)
- Université de Haute Alsace, Mulhouse, France (April 2004, March – April 2005, July 2005, March-April 2006, September-October 2010, November- December 2018)
- Université du Littoral et Côte d'Opale, Dunkerque, France, October 2004
- Ecole des Mines de Paris, Centre de Mise en Forme des Matériaux de Sophia Antipolis, France, October 2005
- Université de Sud, Toulon-Var, Laboratoire « Matériaux à Finalités spécifiques », Toulon, France (October 2005, April 2007, November 2007, November 2009, Avril 2011, December 2011, April 2013)
- Université de Pau et des Pays de l'Adour, Pau, France (November 2005, December 2007)
- Université de Montréal, Québec, Canada (August-September 2007, July 2008)
- Ecole de Mines de Douai, France (March 2010, November 2010)
- Université d'Artois, Béthune, France, March 2010
- University of Science, Hanoi, Vietnam, December 2010
- Université d'Artois, Béthune, France, July, 2011

MEMBER IN SCIENTIFIC SOCIETIES:

- Romanian Chemistry Society
- Romanian Biomaterials Society
- Groupe Français des Polymères, member of Teaching section
- Member of GALENOS NETWORK

PRIZES AND AWARDS :

- The « *Gh. Spacu* » Award of the Romanian Academy - 1984
- The « *OPERA OMNIA* » Award for « Excellency in Scientific Research» granted by CNCSIS (The National Education Ministry) in recognition of scientific lifetime achievements, 2002
- The « *HENRI COANDA* » medal, I-st class, for « Special Merit in Technical Innovation » granted by the Romanian Inventor Society, June 2002
- **14** prizes and medals (**6** gold medals) awarded at world, international and national innovation exhibitions
- Nominated in “**Who’s who in Romania**”, 2002
- Nominated in Marquis “**Who’s who in the World**”, 2010
- *Doctor Honoris Causa* of Université de Pau et des Pays de l’Adour, France, 2010
- Nominated in “**Who’s who in Romania**”, 2011
- Nominated in “**Who’s who in Romania**”, 2013
- Nominated in “**Who’s who in Romania**”, 2014
- Member of **Romanian Academy of Scientists**, 2015
- “**Excellence in research**” prize granted by “Gheorghe Asachi” Technical University of Iasi 2015
- *Doctor Honoris Causa* of Université de Haute Alsace, Mulhouse, France, 2017

Prof. *em.* PhD *Dr.H.C.* POPA Marcel