

## *Curriculum vitae*

### **Prof. Marcel POPA**

<b>Education:</b>
<ul style="list-style-type: none"><li>- B.Sc. Chemical Engineering, Polytechnic Institute "Gh. Asachi", Iași, Romania – 1972</li><li>- Ph.D. Polymer Chemistry and Technology, Polytechnic Institute "Gh. Asachi", Iași, Romania – 1989</li><li>- postdoctoral research fellowship "Haute Alsace" University, Laboratory of Macromolecular Chemistry, Mulhouse, France, 1991/1992</li></ul>
<b>Academic positions</b>
<ul style="list-style-type: none"><li>- teaching assistant: 1972 – 1982</li><li>- assistant lecturer: 1982 – 1991</li><li>- lecturer: 1991 – 1993</li><li>- professor: since 1993</li><li>- Ph.D. supervisor in "Material Science and Engineering" since 1997; supervised 40 students who completed their program and obtained their PhD degree.</li><li>- associate professor at the "Gr. T. Popa" University of Medicine and Pharmacy, Iasi, Faculty of Medical Bioengineering, 1998-2001; 2008-2015, «Chaire Noelting» department, Université de Haute Alsace, Mulhouse, France, 2001,</li><li>- professor <i>emeritus</i>, 2015</li></ul>
<b>Publications:</b>
<ul style="list-style-type: none"><li>- Books published in home country: <b>9</b></li><li>- Monographs and book chapters published overseas: <b>29</b></li><li>- Books published overseas: <b>2</b></li><li>- Editor and translator in Romanian for books in the field: <b>1</b></li><li>- Book editor– <b>2</b> (AMERICAN SCIENTIFIC PUBLISHERS – SUA, Bentham)</li><li>- Published articles: <b>439</b>, from which <b>283</b> in ISI listed journals</li><li>- Presented papers: <b>521</b> (<b>401</b> at international scientific meetings)</li><li>- Oral presentations overseas: <b>52</b></li><li>- Scientific papers reviewed for international journals: <b>78</b></li></ul>
<b>H-index: 25</b>
<b>Authored patents :20</b>
<b>Original technologies: 1</b>
<b>Research contracts/grants: 99 (38 as manager – 1 international)</b>
<b>Membership in academic and professional committees:</b> Romanian Chemistry Society, Romanian Biomaterials Society, Groupe Français des Polymères (member of Teaching section), European Galenos Network, member
<b>Supervision of students:</b> About 50 master students and 40 PhD students. 7 PhD students on the final stage of their thesis.
<b>Evaluating expert</b> for scientific research projects for «Agence Universitaire de la Francophonie» (AUF), "Agence Nationale de Recherche" (ANR), France and CFQCU-Quebec (Canada)
<b>Member of Editorial Board</b>
<i>Journal of Applied Chemistry, Environmental Engineering and Management Journal, Journal of pharmaceutical research and drug design, Journal of Nanotechnology and Nanomedicine,</i>

*Journal of Tissue Science & Engineering, Current Tissue Engineering, International Journal of Drug Design and Development, Journal of Civil Engineering and Environmental Sciences, International Journal of Medical Dentistry.*

#### **Invited professor**

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

#### **Prizes and awards:**

The «**Gh. Spacu**» Award of the Romanian Academy (1984); the «**OPERA OMNIA**» Award for «Excellency in Scientific Research» granted by CNC SIS (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 (2002); **14** prizes and medals (6 gold medals) awarded at world, international and national innovation exhibitions; **Doctor Honoris Causa** of Université de Pau et des Pays de l'Adour, France (2010) and of Université de Haute Alsace de Mulhouse, France (2017); Award for «**Excellency in Scientific Research**», granted by Technical University of Iasi (2015); Member of **Romanian Academy of Scientists** (2015)

#### **Relevant articles**

1. A.N.Cadinouiu, D.M.Rata, L.I.Atanase, O.M.Daraba, D.Gherghel, G.Vochita, M.Popa “Aptamer-Functionalized Liposomes as a Potential Treatment for Basal Cell Carcinoma”, *Polymers*, 11, 1515, 2019
2. D.M.Rata, A.N.Cadinouiu, L.I.Atanase, S.E.Bacaita, C.Mihalache, O.M.Daraba, M.Popa, “*In vitro* behaviour of Aptamer-Functionalized Polymeric Nanocapsules Loaded with 5-Fluorouracil for Targeted Therapy”, *Materials Science and Engineering C*, 103, 109828, 2019
3. C.L.Savin, M.Popa, C.Delaite, M.Costuleanu, D.Costin, C.A.Peptu, “Chitosan grafted – poly(ethylene glycol) methacrylate nanoparticles as carrier for controlled release of bevacizumab”, *Materials Science and Engineering C*, 98, 843-860, 2019
4. C.L.Savin, C.Peptu, Z.Kronekova, M.Sedlacik, M. Mrlik, V. Sasinkova, C.A. Peptu, M.Popa, J. Mosnacek, “Polyglobalide-Based Porous Networks Containing Poly(ethylene glycol) Structures Prepared by Photoinitiated Thiol–Ene Coupling”, *Biomacromolecules*, 19, 3331–3342, 2018
5. A. Luca, V.Maier, S.S.Maier, M. Butnaru, M.Danu, C.Ibanescu, M.Pinteala, M.Popa „Biomacromolecular-based ionic-covalent hydrogels for cellencapsulation: The atelocollagen – Oxidized polysaccharides couples”, *Carbohydrate polymers*, 169, 366–375, 2017