

**MIRCEA TEODORESCU**  
**Professor, Ph.D., Polymer Science**

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**PERSONAL**

- Born in Balcesti, Romania on June 10, 1957; Romanian citizen;
- Married with one child
- Languages: Romanian (native), English, French

**EDUCATION**

- 1998-2000 and 1993-1994, three years postdoctoral stage with Professor Krzysztof Matyjaszewski at Carnegie Mellon University, in controlled/"living" radical polymerization, mostly atom transfer radical polymerization, and cationic polymerization of vinyl monomers.
- 1996, two months stage with Professor John R. Ebdon at Lancaster University, UK, working on controlled/"living" radical polymerization using stable radicals centered at the carbon atom.
- 1992, Ph.D., Politehnica University of Bucharest, with Professor Mihai Dimonie, thesis on "Syntheses of macromonomers".
- 1982, B.S. in Polymer Technology, Polytechnic University of Bucharest.

**WORK EXPERIENCE**

- Professor (2000 – present) at the Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Bioresources and Polymer Science.
- Senior-Lecturer (1995-2000), Lecturer (1991-1995), Assistant-Lecturer (1985-1991), Research-Assistant (1984-1985) at the Politehnica University of Bucharest
- 2000 - 2003, part-time Senior Researcher, Chemical Research Institute, Bucharest
- 1982-1984, process engineer, "Danubiana" Tire Plant, Bucharest.

**RESEARCH INTERESTS**

- synthesis and characterization of hydrogels and thermosensitive polymers;
- synthesis and applications of terminally reactive oligomers;
- controlled/"living" radical polymerization;
- polymeric materials with controlled structure: block and graft copolymers;

**EDITORSHIPS**

- Member of the editorial board - Materiale Plastice (Bucharest);

- Former editor for polymers and macromolecules – Central European Journal of Chemistry (2001-2014);
- Guest Editor of the special issue "Hydrogels-preparation and biomedical applications" - Molecules, 2019;
- Reviewer for many Romanian and foreign scientific journals.

#### **MEMBERSHIPS**

- Romanian Chemical Society
- American Chemical Society

#### **GRANTS AND CONTRACTS**

- 8 multiannual Romanian grants and 10 industrial contracts (2 of them with foreign companies) as a project director

#### **PUBLICATIONS**

- co-author of 3 books;
- 118 peer-reviewed papers, 11 papers published in conference proceedings and 6 patents.

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