

CURRICULUM VITAE

- Name:** Petre IONITA
- Gender:** Male
- Born:** 1967
- Current position:** *Prof.*, University of Bucharest, Faculty of Chemistry, Department of Organic Chemistry, 90 Panduri, 050663 Bucharest, Romania
- Previous position:** *Senior Researcher*, Institute of Physical Chemistry, Splaiul Independentei 202, 060021 Bucharest, Romania
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- Home Address:** Novaci 12, Bucharest, Romania
- Education:** *B.* High School of Industrial Chemistry, Ploiesti, 1983-1986
- M. Sc.* University of Bucharest, Faculty of Chemistry, Department of Organic Chemistry, 1987-1992
- Ph. D.* University «Politehnica» Bucharest, Faculty of Chemistry, Department of Analytical Chemistry, 1993-1997
- Habilitation Thesis*, University of Bucharest, ‘Multifunctional organic free radicals’, Bucharest, October 2013
- Postdoctoral fellowships:** Royal Society / NATO, ‘Chemistry of Short-Lived and Stable Radicals’, University of York (UK), 2000
- Unilever Research*, ‘Mechanistic Studies on Oxidation of Hydrazines’, University of York (UK), 2001
- EPSRC*, ‘Spin labeled gold nanoparticles’, University of York (UK), 2003-2006
- Awards:** *Romanian Academy Award for Chemistry*, 2000
- Researcher ID:** <https://orcid.org/0000-0002-2216-3842>
- Skills:** *Organic chemistry. Free radicals chemistry. Synthesis and structural characterization.* Instrumental analysis (UV-Vis, IR, NMR, ESR, CV, HPLC, GC, TLC). Generation of short-lived and of persistent free radicals. Chemistry of hydrazyl, nitroxyl, nitronyl-nitroxide and imino-nitroxide free stable radicals. Supramolecular and nano-chemistry. Gold and silica nanoparticles. Organic functionalized graphene oxide.
- Scientific activity:** Over 120 papers published (ISI). Over 80 Conferences attended. Project leader of several grants, sponsored by CNCSIS, Romanian Academy, UEFISCDI; member of others. Supervisor of undergraduate, graduate, doctoral and postdoctoral students.