




PERSONAL INFORMATION

IGNAT MARIA



 Laboratory of Materials Science, Department of Chemistry, "Alexandru Ioan Cuza" University

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Sex Female | Date of birth 23/09/1981 | Nationality Romanian

POSITION WITHIN THE
GRANT/PROJECT

WORK
EXPERIENCE

28.02.2016 – Prezent	Lecturer Laboratory of Materials Science, Department of Chemistry, "Alexandru Ioan Cuza" University, 11 Carol I Blvd., Iasi, Romania, www.uaic.ro <ul style="list-style-type: none"> Scientific research, Academic - nanomaterials (synthesis, characterisation, application), biotechnology, materials chemistry, materials properties at nanoscale
01.10.2012 – 28.02.2016	Assistant professor Laboratory of Materials Science, Department of Chemistry, "Alexandru Ioan Cuza" University, 11 Carol I Blvd., Iasi, Romania, www.uaic.ro <ul style="list-style-type: none"> Scientific research, Academic - nanomaterials (synthesis, characterisation, application), biotechnology, materials chemistry
01.03.2012 – 31.12.2013	Experienced researcher Petru Poni Institute of Macromolecular Chemistry, Aleea Grigore Ghica Voda, 41A, 700487 Iasi, Romania, www.icmpp.ro <ul style="list-style-type: none"> Design of visible-light sensitive photocatalysts based on polymer-coated semiconductor oxide nanoarchitectures
01.05.2013 – 31.10.2015	Post Doctoral Position Petru Poni Institute of Macromolecular Chemistry, Aleea Grigore Ghica Voda, 41A, 700487 Iasi, Romania, www.icmpp.ro <ul style="list-style-type: none"> Scientific research
15.11.2011 – 31.12.2011	Research Assistant National Institute of Research & Development for Technical Physics, 47 Mangeron Blvd, Iasi, RO-700050, Romania, www.ift.ro <ul style="list-style-type: none"> Scientific research
1.10.2009 – 31.12.2010	Research Assistant Laboratory of Materials Science, Department of Chemistry, "Alexandru Ioan Cuza" University, 11 Carol I Blvd., Iasi, Romania, www.uaic.ro <ul style="list-style-type: none"> Scientific research
1.03.2008 – 31.08.2009	Research Assistant

Laboratory of Adsorption and Catalysis, Antwerpen University, Belgium,
www.uantwerpen.be

- Scientific research

24.05.2007 – 28.02.2008

Research Assistant

Laboratory of Materials Science, Department of Chemistry, "Alexandru Ioan Cuza" University, 11 Carol I bvd., Iasi, Romania, www.uaic.ro

- Scientific research

EDUCATION AND TRAINING

October 2006 - May 2011

Doctoral degree (Chemistry)

Laboratory of Materials Science, Department of Chemistry, "Alexandru Ioan Cuza" University, 11 Carol I bvd., Iasi, Romania, www.uaic.ro

- Thesis "Advanced materials obtained by synthesis in nanoreactors"

October 2003 - June 2005

Master's degree in Microbial and cell biotechnology

Faculty of Biology, "Alexandru Ioan Cuza" University, 11 Carol I bvd., Iasi, Romania, www.uaic.ro

Microbial biotechnology, molecular biotechnology, transgenic organisms, biological systems, processing methods in biotechnology, cell culture, applied enzymology, microbial biodegradation and biodeterioration

October 2003 - February 2005

Master's degree in Finance and Public Administration

FIBAS, Faculty of Economy and Affair Administration, "Alexandru Ioan Cuza" University, 11 Carol I bvd., Iasi, Romania, www.uaic.ro

September 1999 - June 2003

Bachelor Degree in Chemistry: Technological Biochemistry

Department of Chemistry, "Alexandru Ioan Cuza" University, 11 Carol I bvd., Iasi, Romania, www.uaic.ro

- Analytical chemistry, organic chemistry, inorganic chemistry, bioanorganic chemistry, physical chemistry, colloidal chemistry, quantum – chemistry, electrochemistry, mathematics, physics, biochemistry, biotechnology, photochemistry. Subjects in the Psycho-pedagogical Module

PERSONAL SKILLS

Mother tongue Romanian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English	advanced	advanced	advanced	advanced
Level B.				
French	advanced	intermediary	intermediary	advanced
Russian	advanced	advanced	advanced	advanced

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills Teamwork skills, team spirit, good communication skills, conscientiousness, dynamism, perseverance and curiosity, professionalism.

Organisational / managerial skills Good coordinating and management skills, writing projects, reports and evaluations, organizing activities for conferences and scientific communications.

Job-related skills Settle systematic issues regarding experimental procedure, new working / analysis methods; Easy adaptability and involvement in the use of new laboratory equipment

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

- good command of office suite (word processor, spread sheet, presentation software)
- good command of various specific programs related to the laboratory equipment

Other skills

- Special skills in assimilating new scientific information
- Ability to adapt to multicultural environments
- Patience and perseverance in solving problems with different difficulty levels
- Availability to research activity and resistance to work long periods of time, easy adaptability to stress conditions

ADDITIONAL INFORMATION

Publications	64, according SCOPUS
Patents	2 patent requests
Projects	11 as Project Responsible; 7 as Member
Presentations	12 oral presentation
Conferences	Over 70 participations
Seminars	2
Honours and awards	5 awards
Memberships	Romanian Society of Chemistry, Romanian Society of Catalysis
References	
Citations	Over 492
Courses	2 courses
Certifications	Project evaluator, OIPVD

Iasi,
16.12.2019

Dr. Maria Ignat