



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Verziu Marian Nicolae**  
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E-mail(s) marianverziu32@gmail.com  
Nationality Romanian  
Date of birth 06 December 1980  
Gender Male

**Work experience** 2020-present: Researcher CS3, Department of Bioresources and Polymer Science, Faculty of Chemical Engineering and Biotechnology, University Politehnica of Bucharest  
2016 - 2019: Researcher, Centre of Organic Chemistry "C. D. Nenitescu", Romanian Academy, Bucharest  
2007-2016: Assistant Researcher, "Catalysts and Catalytic Processes" Research Centre, Faculty of Chemistry, University of Bucharest

### Education and training

2018- research stage at Catholic University of Louvain, Belgium- activity carried out in this research stage was physico-chemical characterisation of some titanium silicalite materials and their testing in the epoxidation reactions  
2010 – 2013: PostDOC, University of Bucharest, Romania, Title: "Catalytic conversion of lignocellulosic materials into biofuels potential"- activity carried out in this project involed the preparation of catalysts, then tested in lignin and cellulose depolymerization  
2012- research stage at University of Umea, Sweden- activity carried out in this research stage was depolymerisation of lignin under autoclave conditions  
2010- scholarship (COST-STSM-ECOST-STSM-CM0903) at University of Liege - Gembloux Agro-Bio Tech, Belgium- activity carried out in this research stage was extraction of lignin from Mischantus plant  
2005 – 2010: PhD degree, University of Bucharest, Romania, Title: "Catalysts for transesterification of naturals oils and fats" - activity carried out during doctorate was preparation of heterogeneous basic catalysts which were tested in biodiesel production from vegetables oils  
2003 – 2005: Master degree in Analytical Chemistry - Optimization of chemical-analytical control and quality assurance, Faculty of Chemistry, University of Bucharest, Romania

1999– 2003: Bachelor degree in Analytical Chemistry in French language, University of Bucharest, Romania

Mother tongue(s)	<b>Romanian</b>				
Other language(s)					
Self-assessment	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	B2	C1	C1	B2	B2
<b>French</b>	B2	C2	B2	C1	C1

Social skills and competences	I'm a sociable, comunicative, reliable, conscentious, resposable and very creative person
Professional skills	<p>Research experience in different areas:</p> <ul style="list-style-type: none"> <li>- Heterogeneous catalysis:</li> <li>- Catalysts preparation (nanomaterials, oxides, LDHs, organic-inorganic hybrid systems).</li> <li>- Catalytic processes: transesterification of triglyceride under conventional and nonconventional conditions; depolymerisation of lignine, cellulose</li> <li>- Physicochemical characterization of the solids surface: XRD, DR-UV-Vis, Raman, DRIFT, BET, TPD, TPR, TPO, DLS.</li> <li>- <i>Analytical chemistry</i>: analysis of organic compounds by gas-chromatography (GC-FID, GC-TCD), liquid chromatography (HPLC and UPLC), mass spectrometry (MS, GC-MS, GC-MS-IR).</li> </ul>
Supervising, mentoring activities	<p>1 July to 30 Septembre 2014: Marion Serano, student at ENSIACET, France- activity carried out at Faculty of Chemistry, University of Bucharest</p> <p>1 to 31 October 2013: Dr. Antonio Pineda, researcher at University of Cordoba, Spain- activity carried out at Faculty of Chemistry, University of Bucharest</p> <p>20 July to 25 October 2011: Kenneth Finch, student at Colorado Mine School, USA - activity carried out at Faculty of Chemistry, University of Bucharest</p>
Computer skills and competences	Microsoft office, Internet, Adobe Professional
Organisational / managerial skills	<p>Good exeperience of project management</p> <p>Director of the project :</p> <p>PN-III-CEI-BIM-PBE-2020- 0034</p> <p>PN-III-P1-1.1-MC-2017-0467</p> <p>CNCSIS Grant TD-404/2007</p>
Driving licence(s)	B category

**ADDITIONAL  
INFORMATION**

**Major achievements and scientific dissemination:**

***Projects:***

- **3** national projects - as project leader
- **1** international projects – as team member
- **2** national projects – as team member

***Publications:***

**11** articles (**7** as main author)

2021- scientific expert for Agence Nationale de la Recherche, France

2021- expert evaluator for SIPOCA 592

2022- expert evaluator for PNRAS 2022

Others references can provided upon request