

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s)	Ailincăi Daniela	
Address(es)	2 Graniceri Street, 28, 725200, Falticeni, Romania	
Telephone(s)	Mobile:	0740474295
E-mail	daniela.ailincăi@yahoo.com	
Nationality	Romanian	
Date of birth	25.08.1987	

### Desired employment / Occupational field

**Chemistry**

### Education and training

November 2014-present	<b>Researcher assistant</b> - Diode electroluminiscente organice flexibile cu emisie in alb pentru iluminare, <b>PN-II-PT-PCCA-2013-4-1861</b>
April 2014-present	<b>Researcher assistant</b> - Biologically inspired systems for engineered structural and functional entities, <b>PN-II-ID-PCCE-2011-2-0028</b>
November 2013-present	<b>PhD student</b> at Petru Poni Institute of Macromolecular Chemistry, Iasi, Romania
October 2011-January 2013	<b>Master of Science</b> at the Natural and Synthetic Polymers Department, Faculty of Chemical Engineering and Environmental Protection, “Gheorghe Asachi” Technical University Iasi, Romania ( <b>Average: 10/10</b> ) Master of Science Thesis: “ <i>Chemical modifications of some oligosaccharides with the final purpose to use them as click reactions precursors</i> ” ( <b>Mark: 10/10</b> )

February 2013 – May 2013	<b>Erasmus Internship at Heinrich Heine University, Duesseldorf, Germany</b> - letter of assessment from <b>prof. H. Ritter</b> attached																				
March 2012 – July 2012	<b>Erasmus Internship at École Supérieure de Chimie Physique Électronique de Lyon, France</b> - letter of assessment from <b>prof. S. Trombotto</b> attached - letter of assessment from <b>prof. T. Hamaide</b> attached																				
2007-2011	<b>Bachelor</b> at Faculty of Chemical Engineering and Environmental Protection, “Gheorghe Asachi” Technical University Iasi, Romania <b>(Average: 9.98/10)</b> <b>Bachelor of Science diploma title:</b> <i>“Polymeric hydrogels – an increasing factor of the stability of liposomes bearing active principles ”</i> <b>(Mark: 10/10)</b>																				
Mother tongue(s)	<b>Romanian</b>																				
Other language(s) <i>European level</i> (*)	<table border="1"> <thead> <tr> <th></th> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> </tr> </thead> <tbody> <tr> <td><b>Language</b></td> <td>English</td> <td>C1</td> <td>B2</td> <td>C1</td> </tr> <tr> <td><b>Language</b></td> <td>Spanish</td> <td>B2</td> <td>B2</td> <td>A2</td> </tr> <tr> <td><b>Language</b></td> <td>German</td> <td>A2</td> <td>A1</td> <td>A1</td> </tr> </tbody> </table>		Listening	Reading	Spoken interaction	Spoken production	<b>Language</b>	English	C1	B2	C1	<b>Language</b>	Spanish	B2	B2	A2	<b>Language</b>	German	A2	A1	A1
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<b>Language</b>	Spanish	B2	B2	A2																	
<b>Language</b>	German	A2	A1	A1																	
<b>Professional skills and qualifications:</b>	Organic synthesis, analytic techniques (1H-NMR, 13C-NMR, Roesy-NMR, UV, IR, MS). Gel electrophoresis, MALDI, GPC, UV and fluorescence measurements. Experience in the synthesis, characterization and functionalization of chitosan oligomers. Experience in click reaction by the classic method and using UV irradiation. Experience in obtaining and characterizing (by Roesy-NMR) $\beta$ -cyclodextrin complexes																				

<p><b>Books Chapter</b></p>	<p><b>"Biological Activity of Natural polysaccharides"</b>, Medical Applications of polymers, 2011  <b>„Polymersomes-Preparation, Characterization and Medical Applications”</b>, Polymeric Nanomedicine, Bentham Science Publishers Ltd., 2012</p>
<p><b>Publications</b></p>	<p><b>Cyclodextrin-poly(<math>\epsilon</math>-caprolactone) Based Nanoparticles, Able to Complex Phenolphthalein and Adamanthyl Carboxylate</b>, Daniela Ailincăi, Helmut Ritter - accepted for publication in Beilstein Journal of Nanotechnology, Manuscript ID: 4789575  <b>Imino-chitosan derivatives. Synthetic pathway and properties</b>, Daniela Ailincăi, Andrei Bejan, Irina Titorencu, Mioara Drobotă and Bogdan C. Simionescu, Rev. Roum. Chim., 2014, 59(6-7), 385-392.  <b>Imino-chitosan biopolymeric films. Obtaining, self-assembling, surface and antimicrobial properties</b>, Luminita Marin, Daniela Ailincăi, Mihai Mares, Elena Paslaru, Mariana Cristea, Valentin Nica, Bogdan C. Simionescu, <i>Carbohydrate Polymers</i>, 117, 762-770 (2015) (IF=3.9)  <b>Monodisperse PDLC composites generated by use of polyvinylalcohol boric acid as matrix</b>, Luminita Marin, Daniela Ailincăi, Elena Paslaru, <i>RSC Advances</i> 4, 38397-38404 (2014) (IF=3.7)</p>
<p><b>Anexes</b></p>	<p><b>The assessment letters from Germany and France, after the Erasmus internships</b></p>