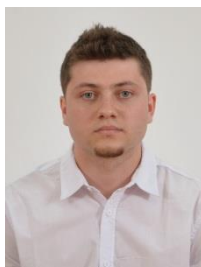


# Curriculum Vitae



## Personal information

First name / Surname	Bejan Andrei
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Nationality	Romanian
Date of birth	08.12.1991

## Education and training

2020 (April) – present	<b>Scientific researcher</b> - “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania
2018 – 2020	<b>PhD, researcher assistant</b> - “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania
2015 – 2018	<b>PhD student</b> – “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania
2014 – 2015	<b>Researcher assistant</b> – “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania
2013 – 2015	<b>Master of Science</b> at the Organic Chemistry Department, Faculty of Chemistry, “Alexandru Ioan Cuza” University, Iasi, Romania
2010 – 2013	<b>Bachelor</b> at Faculty of Chemistry, “Alexandru Ioan Cuza” University, Iasi, Romania

## Mother tongue(s)

*Romanian*

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B1	B1	A2	A2	A2

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### **National and European projects – team member**

(“Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania)

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1. Researcher assistant - “*Flexible organic white electroluminescent diodes for illumination*”, PN-II-PT-PCCA-2013-4-1861.
2. Researcher assistant - “*Multifunctional dynamic hydrogels with tuned morphology for biomedical applications*”, PN-II-RU-TE-2014-4-2314.
3. Researcher assistant - “*Laboratory of Supramolecular Chemistry for Adaptive Delivery Systems ERA Chair initiative – Dynameric networks and gels for delivery, cell recognition and cell growth*”, Horizon 2020 WIDESPREAD 2-2014: ERA Chairs, Project no 667387.
4. Researcher assistant - “*Platforma hibrida de comunicatii prin lumina vizibila si realitate augmentata pentru dezvoltarea de sisteme inteligente de asistenta si siguranta activa a autovehiculelor*”, PN-III-P1-1.2-PCCDI-2017-0917.
5. Researcher assistant - „*Materials suitable for CO<sub>2</sub> capture and sequestration, through chemical reaction, based on azomethine derivatives*”, Romanian Academy – Joint Research Projects with the National Research Council of Italy.
6. Researcher assistant – „*Chitosan based hydrogels as luminescent chemosensors for detection and removal of heavy metals*”, Romanian – Chinese Joint Project, PN-III-P3-3.1-PM-RO-CN-2018-0098.
7. Researcher assistant – „*Smart Wound monitoring Restorative Dressings*”, H2020-MSCA-RISE-2019.

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### **Mobilities (ERASMUS +)**

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1. “**Joint innovative training and teaching/learning program in enhancing development and transfer knowledge of application of ionizing radiation in materials processing**”, 5-15 September **2016**, Reims Champagne-Ardenne University, Reims, France.
  2. “**Joint innovative training and teaching/learning program in enhancing development and transfer knowledge of application of ionizing radiation in**
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materials processing”, 3-7 October **2016**, Kaunas Technological University, Kaunas, Lithuania.

3. Photophysical measurements, 10-24 November **2019**, Institute for Macromolecular Studies (ISMAL) of the Italian National Research Council (CNR), Milan, Italy.

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### Publications

1. Luminita Marin, **Andrei Bejan**, Sergiu Shova, Phenothiazine based co-crystals with enhanced luminescence, *Dyes and Pigments*, **2020**, 175, 108164. (ISI: 4.018)
2. **Andrei Bejan**, Daniela Ailincăi, Bogdan C. Simionescu, Luminita Marin, Chitosan hydrogelation with a phenothiazine based aldehyde: a synthetic approach toward highly luminescent materials, *Polymer Chemistry*, **2018**, 9, 2359-2369. (ISI: 4.76)
3. **Andrei Bejan**, Luminita Marin, Phenothiazine based nanocrystals with enhanced solid state emission, *Journal of Molecular Liquids*, **2018**, 265, 299-306. (ISI: 4.561)
4. **Andrei Bejan**, Luminita Marin, Phenothiazine-based dyes in solar cell technology, **2017**, *Memoirs of the Scientific Sections of the Romanian Academy, Tome XL*.
5. Luminita Marin, **Andrei Bejan**, Daniela Ailincăi, Dalila Belei, Poly(azomethine-phenothiazine)s with efficient emission in solid state, *European Polymer Journal*, **2017**, 95, 127-137. (ISI: 3.621)
6. **Andrei Bejan**, Dragos Peptanariu, Bogdan Chiricuta, Elena Bicu, Dalila Belei, Low molecular weight microfibers with light sensing properties, *Materiale Plastice*, **2017**, 54, 655-658. (ISI: 1.393)
7. **Andrei Bejan**, Sergiu Shova, Mariana-Dana Damaceanu, Bogdan C. Simionescu, Luminita Marin, Structure-directed functional properties of phenothiazine brominated dyes: morphology and photophysical and electrochemical properties, *Crystal Growth & Design*, **2016**, 16, 3716-3730. (ISI: 4.153)
8. **Andrei Bejan**, Luminita Marin, Bogdan Chiricuta, Daniela Ailincăi, Bogdan C. Simionescu, A new phenothiazine blue light emitter. Synthesis, structure and photophysical properties, *Revue Roumaine de Chimie*, **2016**, 61, 291-297. (ISI: 0.37)
9. Daniela Ailincăi, **Andrei Bejan**, Irina Titorencu, Mioara Drobotă, Bogdan C. Simionescu, Imino-chitosan derivatives. Synthetic pathway and properties, *Revue Roumaine de Chimie*, **2014**, 59, 385-392. (ISI: 0.395)

## Conferences

### a) Oral communications

1. **Andrei Bejan**, Dalila Belei, Luminita Marin, Phenothiazine derivatives. The influence of the substituent upon optical and electrochemical properties, *Zilele Universitatii "Alexandru Ioan Cuza"*, Conferinta Facultatii de Chimie, **2014**, Iasi, Romania.
2. **Andrei Bejan**, Luminita Marin, Dalila Belei, Tuning the emission color of phenothiazine by introduction of electron-withdrawing groups, *ICMSAPC: XIII International Conference on Materials Science, Applied Physics and Chemistry*, **2015**, Londra, Marea Britanie.
3. **Andrei Bejan**, Luminita Marin, Mariana Pinteala, Mihai Barboiu, Brominated phenothiazine dyes with tuned emission color: Supramolecular structure, photophysical and electrochemical properties, *ACS on Campus*, **2016**, Bucuresti, Romania.
4. **Andrei Bejan**, Luminita Marin, Mariana Pinteala, Bogdan C. Simionescu, Phenothiazine dyes as efficient luminescent materials, *Ninth Cristofor I. Simionescu Symposium – Frontiers in Macromolecular and Supramolecular Science*, **2017**, Iasi, Romania.
5. **Andrei Bejan**, Luminita Marin, "Phenothiazine Based Nanocrystals With Tuned Solid State Emission", *9<sup>th</sup> International Conference of the Chemical Societies of the South-East European Countries*, **2019**, Targoviste, Romania.

### b) Poster presentations

1. **Andrei Bejan**, Mariana Pinteala, Bogdan C. Simionescu, Luminita Marin, Phenothiazine dyes with tuned emission color, *Eighth Cristofor I. Simionescu Symposium – Frontiers in Macromolecular and Supramolecular Science*, **2016**, Iasi, Romania.
2. **Andrei Bejan**, Mariana Pinteala, Mihai Barboiu, Luminita Marin, Supramolecular luminescent chitosan gels, *Zilele Universitatii "Alexandru Ioan Cuza"*, Conferinta Facultatii de Chimie, **2016**, Iasi, Romania.

3. **Andrei Bejan**, Luminita Marin, Mariana Pinteala, Mihai Barboiu, Luminescent hydrogels based on imino-chitosan as promising materials in sensing applications, *EMN Meeting on Hydrogel Materials*, **2017**, Amsterdam, Olanda.
4. **Andrei Bejan**, Luminita Marin, Daniela Ailincăi, Dalila Belei, Polyazomethines based on phenothiazine dye with efficient green light emission in solid state, *EPF: European Polymer Federation Congress*, **2017**, Lyon, Franta.
5. **Andrei Bejan**, Anda Mihaela Olaru, Mariana Pinteala, Luminita Marin, Novel luminescent hydrogels based on chitosan, *4<sup>th</sup> International Conference on Bio-based Polymers and Composites*, **2018**, Balatonfüred, Ungaria.
6. **Andrei Bejan**, Luminita Marin, Daniela Ailincăi, Poly(azomethine-phenothiazine) Dyes with Efficient Green Light Emission in Solid State, *European Polymer Congress (EPF)*, **2019**, Heraklion, Greece.

11.06.2020

Andrei Bejan