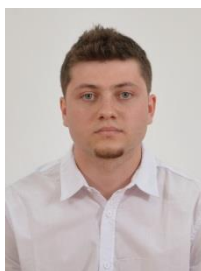


# Curriculum Vitae



## Personal information

|                      |  |
|----------------------|--|
| First name / Surname | Bejan Andrei   |
| Address              | Stejarului street, no. 57A, Darmanesti, Bacau, Romania |
| Telephone            | Mobile: 0753661588                                     |
| E-mail               | bejan.andrei@icmpp.ro                                  |
| Nationality          | Romanian   |
| Date of birth        | 08.12.1991   |

## Education and training

|                |   |
|----------------|---|
| 2018 – present | <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 - “*SupraChem Lab*”, Horizon 2020 WIDESPREAD 2-2014: ERA Chairs.
4. Researcher assistant - “*CAR Safe*”, PN-III-P1-1.2-PCCDI-2017-0917.
5. Researcher assistant - „*PRO-SPER*”, PN-III-P1-1.2-PCCDI-2017-0569.

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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**”, 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 materials processing**”, Kaunas Technological University, Kaunas, Lithuania.

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**Publications**

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1. **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: 3.972)
2. 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: 3.741)
3. **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: 4.927)
4. **Andrei Bejan**, Luminita Marin, Phenothiazine based nanocrystals with enhanced

- solid state emission, *Journal of Molecular Liquids*, **2018**, 265, 299-306. (ISI: 4.513)
5. 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: 0.37)
  6. **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)
  7. **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: 1.248)

### 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)*, **2018**, Heraklion, Greece.