

Curriculum vitae

PERSONAL INFORMATION

Family name, First name: **DINU, Livia Alexandra**

Researcher unique identifier(s) (such as ORCID, Research ID, etc. ...):

ORCID: <https://orcid.org/0000-0002-3264-2548>

Web of Science Researcher ID: AAP-6111-2020

Date of birth: **25-11-1988**

Nationality: **Romanian**

• EDUCATION

- 2012-2015 PhD Degree in Chemistry
Faculty of applied chemistry and materials science/ University Politehnica of Bucharest/
Romania, PhD Supervisor: Dr. Habil. Raluca-Ioana Stefan-van Staden
- 2010-2012 Master of Science Degree in Advanced Materials
Faculty of Chemistry/ University of Bucharest/ Romania
- 2007-2010 Bachelor Degree in (Bio)Chemistry
Faculty of Chemistry/ University of Bucharest/ Romania

• CURRENT POSITION(S)

- 2021 – Present Research Scientist II
NIRD in Microtechnologies (IMT), Bucharest, Romania

• PREVIOUS POSITIONS

- 2020 – 2021 Research Scientist III - NIRD in Microtechnologies (IMT), Bucharest, Romania
- 2016 – 2020 Research Scientist III - NIRD for Electrochemistry and Condensed Matter, Laboratory of
Electrochemistry and PATLAB, (NIRDECM) Bucharest, Romania
- 2014 – 2016 Research Scientist - NIRD for Electrochemistry and Condensed Matter, Laboratory of
Electrochemistry and PATLAB, Bucharest, Romania
- 2015 – 2015 Visiting Research - Department of Analytical Chemistry, Ruhr University, Bochum, Germany
- 2013/2014 Visiting PhD Student- Department of Analytical Chemistry, University of Cyprus, Nicosia,
Cyprus (two weeks/year)
- 2012 – 2014 Research Assistant - NIRD for Electrochemistry and Condensed Matter, Laboratory of
Electrochemistry and PATLAB, Bucharest, Romania
- 2011 – 2012 Research Assistant - Department of Analytical Chemistry, Faculty of Chemistry, University
of Bucharest, Romania

• FELLOWSHIPS AND AWARDS

- 2020 PAPER AWARD in the “Young Research Forum” International Conference on Medicinal
Chemistry & Drug Discovery, Amsterdam, The Netherlands;
- 2020 BEST PAPER the 43rd Ed of the International Semiconductor Conference (CAS 2020) – an
IEEE Virtual Event;
- 2019 BEST STUDENT PAPER the 42nd Ed of the International Semiconductor Conference (CAS
2019) – an IEEE Event, Sinaia, Romania
- 2019 SPECIAL POSTER PRESENTATION AWARD Sponsored by the World Scientific Books,
the XX Euroanalysis Conference, Istanbul, Turkey.
- 2018 BEST ORAL PRESENTATION AWARD Sponsored by the Romanian Chapter of ACS, 4th
Romanian International Conference on Analytical Chemistry (RO'ICAC2018);
- 2017 EXCELLENCE DIPLOMA in The 11th Annual Congress of the Romanian Medical
Association, Romanian Academy, Bucharest, Romania
- 2016 MEDAL ‘CONSTANTIN LUCA’ for the best young analytical chemist – Sponsored by the
Romanian Chapter of the American Chemical Society for EXCELLENCE IN RESEARCH
- 2014 – 2015 PhD Scholarship - POSDRU/159/1.5/S/134398, Faculty of applied chemistry and materials

science/ University Politehnica of Bucharest/ Romania
2014 BEST POSTER AWARD in the 2nd International Conference on Analytical Chemistry – RO-ICAC'14, Targoviste, Romania.
2014 – 2020 19 articles awarded by UEFISCDI, through PRECISI national competitions.

- **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS (if applicable)**

2015 – 2022 8 PhD/ 2 Master Students
Laboratory of Electrochemistry and PATLAB, National Institute for Research and Development for Electrochemistry and Condensed Matter, Bucharest, Romania

- **TEACHING ACTIVITIES (if applicable)**

2016-2020 - Twice-a-month seminar for students who wanted to improve their skills on writing scientific papers, research reports and power point presentations.

- **INSTITUTIONAL RESPONSIBILITIES (if applicable)**

2018 – 2020 Member of the inventory commission, NIRDECM - Bucharest, Romania
2016 – 2020 Member of the promotion committee, NIRDECM - Bucharest, Romania

- **REVIEWING ACTIVITIES (if applicable)**

2018 – 2021 Reviewer for the following journals: J Electrochem Soc, Microchim Acta, Microchem J, Anal Chem Acta, Talanta, Micromachines, Microchemical Journal, Sensors

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES (if applicable)**

Active Member, Electrochemical Society (ECS) – Sensor Division

- **MAJOR COLLABORATIONS (if applicable)**

1. Dr. Juliette LEGLER, Department Population Health Sciences, Institute for Risk Assessment Sciences (IRAS), Utrecht, The Netherlands; in FP7/2007–2013 collaboration under grant agreement OBELIX n° 227391, 3 publications as co-authors^{30,31,54}, all as part of the PI's PhD thesis
2. Prof Dr. Mahmut DURMUS, Gebze Technical University, Turkey – co-authors of 2 publication^{40,55}
3. Dr. Stela PRUNEANU, National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, Romania in several national projects and publications^{42,43,45,52,53}.
4. Dr. Sevinc KURBANOGLU, Faculty of Pharmacy, University of Ankara, Turkey, independent research work, submitted to journal.
5. Dr. Day-Yu CHAO, National Chung-Hsing University, Taiwan; Dr. Petr MALIK from the Institute of Biotechnology of the Czech Academy of Sciences, for EURONANOMED2021 proposal.
6. Dr. Bengi USLU from Ankara University. She is the editor of the book where the applicant submitted a chapter. The book will be published by Elsevier in June 2021.
7. Dr. Jacobus Frederick VAN STADEN, former professor at the University of Pretoria, South Africa, scientific researcher at NIRD for Electrochemistry and Condensed Matter the PI's mentor during her postdoctoral studies. Co-authors of several publications
8. Dr Gabriel Lucian RADU³⁵, from Politehnica University of Bucharest, former PhD Advisor (1st year of PhD).
9. Dr Raluca Ioana VAN STADEN – scientific researcher at NIRD for Electrochemistry and Condensed Matter, the PI's PhD Advisor, co-authors of several publications.

- **CAREER BREAKS**

June 2018 – September 2018 - 4 months of maternity leave