

ELEANNA BRIKA

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[Linkedin](#)



EDUCATION

Department of Chemistry | Aristotle University of Thessaloniki

2019 – PRESENT

- Bachelor's thesis: "The role of electrolytes in the quality of electrical impedance measurements for the evaluation of endothelial function in humans"

In the framework of my thesis, I studied the effect of certain electrolytes (such as Na^+ , K^+ , Ca^{2+} , P^- , Mg^{2+}) on endothelial dysfunction, which is associated with atherogenesis. The experimental measurements were performed with "Cor-IS", a medical device used to evaluate the risk of Coronary Heart Disease.

- Main Courses: "Organic Chemistry", "General Biology", "Biochemistry", "Basic Principles of Analytical Chemistry", "Quantitative Chemical Analysis", "Techniques for the Synthesis and Characterization of Polymers", "Chemistry, Technology and Application of Surfactants", including the associated laboratory courses.

Erasmus+ Studies | Avignon Université

01/2023 – 06/2023

- Related Courses: "M1- Fundamentals of Cardiovascular Health & Impact of Nutrition", "Natural Products Applications", "Biochemistry", "Laboratory Course in Instrumental Chemical Analysis", "Electrochemistry" and "Medicinal Chemistry".

High School Diploma | 1st High School of Pallini "Pierre de Coubertin"

2018

- Grade 18.6 – "Excellent"
- 2014-2015: Successfully Participated in the "Thales-Euclid" Competition - Hellenic Mathematical Society



WORK EXPERIENCE

Analytical Development Intern (R&D APIs) | Pharmathen S.A.

03/2024 – 04/2024



CORE SKILLS

- Critical Thinking
- Organization Skills
- Teamwork
- Adaptability
- Problem Solving
- Creativity



VOLUNTEER - ACTIVITIES

Member of the student group "ReAcTiON" of the Department of Chemistry of the Aristotle University of Thessaloniki, which promotes public awareness on chemistry-related issues.

My role in the group involves writing weekly articles on a variety of chemistry topics, both for the group's social media and for publications in the magazine "Chemical Chronicles" of the Association of Greek Chemists.



LANGUAGE SKILLS

- English, C2 Level
- French, B2 Level



COMPUTER SKILLS

- Microsoft Office™ (Excel, Word, PowerPoint)
- SPSS Statistics- IBM



PROGRAMMES – WORKSHOPS

- 2021: "Chemistry of Space" – ReAcTiON
- 2021: "Industrial Production of Chocolate" - Hellenic Association of Chemical Industry and Enterprises
- 2021: Let's Talk Cosmetics with APIVITA – Aristotle Team of Pharmacy
- 2021: "Nutrigenomics" – Aristotle Team of Pharmacy
- 2021: "19th Hellenic Congress of Clinical Chemistry" - Hellenic Society of Clinical Chemistry-Clinical Biochemistry
- 2021: Participation in the 56th Summer School of the National Research Centre for Natural Sciences "Democritus"
- 2020: Participation in the 55th Summer School of the National Research Centre for Natural Sciences "Democritus"
- 2017 & 2018: participation in the EUSO (European Union Science Olympiad) Competition as Team Leader both years
- 2017: Participation in the Biology Competition - Hellenic Union of Bio-scientists
- 2017: Participation in the Chemistry Competition - Hellenic Union of Chemists
- 2016: Participation in the 10th Mathematical Summer School - Hellenic Mathematical Society
- 2014 & 2015: Participation in the 8th and 9th Mathematical Summer School - Hellenic Mathematical Society.