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| Summary  *Analytical and results-driven Neuroscientist with hands-on experience in pharmacology, proteinopathies, protein-protein interaction, immunotherapy, knowledge of clinical diagnosis and biomarkers in neurodegenerative diseases. Well-versed in conducting investigations of the potential therapeutic role of single-domain antibodies directed against tau in Alzheimer’s Disease and related tauopathies. Licensed pharmacist with a wide knowledge of medications, drug-drug interactions, patient psychology, pharmacy operations, business management, and providing impeccable services to clients. Instrumental in coaching and guiding students regarding pharmacology to improve performance and productivity. Strong critical thinker with high observation and interface skills. Actively contribute to the team's goals with commitment. A positive and a strong work ethic attitude.*  Education & Credentials  Ph.D. in Neuroscience (2021)  INSERM, Lille, France  MSc in Pharmaceutical & Pharmacological Sc. (2013)  University of KU- Leuven, Belgium  **BSc Faculty of Pharmacy (2014)**  Aristotle University of Thessaloniki, Thessaloniki, Greece  Honours & Awards  Excellence Award to *Aristotle Team of Pharmacy (Co-Founder)*  Aristotle University of Thessaloniki, Greece  ERASMUS scholarship KU- Leuven, Belgium  Languages  **Albanian** – Native  **English** – Professional Proficiency  **Greek** – Professional Proficiency  **French** – Intermediate | | Areas of Expertise   |  |  | | --- | --- | | * Scientific Research & Development * Clinical research & Biomarkers * Pharmacy & Pharmacology * Neuroscience & Therapeutics | * Project & Operations Management * Drug Development & Regulations * Health & Safety Standards * Report Writing & Presentation |   Professional Experience  Lille Neuroscience and Cognition (LilNCog), France 2018 – 2021  Risk Factors and Molecular Determinants of Aging-Related Diseases  Ph.D. student -INSERM contract (Supervisor: Luc Buée & Isabelle Landrieu)   * Evaluated and analyzed both *in vitro* (cellular) **and *in vivo* (transgenic mouse model***),* as part of the pre-clinical test, the potential therapeutic role of novel single-domain antibodies directed against tau in tauopathies, including Alzheimer’s Disease (AD) * Deliberated with the knowledge of proteinopathies, protein-protein interaction, immunotherapy strategies, oral/written communication, and project management * Leveraged expertise in working between two teams and different approaches to the topic. * Presenting the project in national and international conferences (oral and poster presentation, including: ADPD, Neuro-France). * Member of the organizational committee of monthly seminars between PhDs and Post-Doctoral researchers of the LilNCog * Cloning, PCR, plasmid extraction, recombinant protein expression, western blot, ELISA, cell culture, flow cytometry, **Immunocytochemistry,** FACS sorting. **Brain tissue histology and immunohistochemistry. Fluorescence/optical and confocal microscopy, light-sheet (iDISCO). Mouse neuroanatomy, Stereotaxic surgery, Intracranial delivery of drugs and viral vectors in mice**, transcardial perfusions. Blood collection and glucose measurements. **FELASA-French correspondent certificate.**   Private Pharmacy, Thessaloniki, Greece 2016 – 2018  Licensed Pharmacist   * Advocated patients regarding prescriptions and drug reception, assigned prescribed medications, and updated the archive of controlled drugs. * Played an integral role in expanding business and increased payments with monthly bonuses by efficiently managing the para-pharmaceutical part of the pharmacy with success.   Greek Ministry of Education, Greece 2015 – 2016  Licensed Pharmacist   * Instructed and effectively guided students regarding Pharmacology at Nutrition and Dietary unit.   Aristotle University of Thessaloniki, Faculty of Pharmacy 2012 – 2015  Research Associate - European JPND program (Supervisor: Theodoros Sklaviadis)   * Gained knowledge related to project management, interacting with patients, doctors, and scientific boards of each hospital. * Improved knowledge related to each hospital’s national policy and became more flexible and communicative. * Manged to map sCJD disease at the Greek level for the first time. * Identified and qualified the relevant biomarkers in the tested CSF samples by utilising Western blotting, commercial ELISA kits and RT-QuIC * Lab assistant in Pharmacology classes for undergraduate students of the Faculty of Pharmacy * Attended workshops between European countries, where I was one of the main persons involved in the project development and report delivery. |

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Aristotle University of Thessaloniki, Faculty of Pharmacy 2011 – 2012

Research Associate (Undergraduate Student) (Supervisor: Theodoros Sklaviadis)

* Processed more than 50 CSF samples through constant interaction between the neurological department of the country and the lab.
* Improved knowledge related to basic safety rules that should be followed when working with highly dangerous materials (work in a P3 security level room). Techniques: Western Blotting, Image J

Additional Experience

Pharmacist Intern | Private Pharmacy of Megalidou Theodora, Greece

**Pharmacist Intern** | AHEPA University General Hospital of Thessaloniki

Publications

* **Orgeta Zejneli**, Angeliki Kokkini, Eirini Kanata, Theodoros Karapanayiotides, Maria Cramm, Matthias Schmitz, Nicolaos Grigoriadis, Inga Zerr, Anna Nicolaou, Theodoros Sklaviadis Multi-variable approach to gain increased sCJD premortem diagnosis in a cohort of Greek patients with suspected sCJD. Currently under revision.
* Clément Danis\*, Elian Dupré\*, **Orgeta Zejneli\*,** Raphaëlle Caillierez, Alexis Arrial, Séverine Bégard, Anne Loyens, Justine Mortelecque, François Xavier Cantrelle, Xavier Hanoulle, Jean-Christophe Rain, Morvane Colin, Luc Buée, Isabelle Landrieu Inhibition of Tau seeding by targeting Tau nucleation core within neurons with a single domain antibody fragment. Mol.Therap. 2022 Jan 7; S1525-0016(22)00009-0. <https://doi.org/10.1016/j.ymthe.2022.01.009>. PMID: 35007758 \* Equal contribution
* Pascale Barbier, **Orgeta Zejneli**, Marlène Martinho, Alessia Lasorsa, Valérie Belle, Caroline Smet-Nocca, Philipp O Tsvetkov, François Devred, Isabelle Landrieu Role of Tau as a Microtubule-Associated Protein: Structural and Functional Aspects. Frontiers Ageing Neuroscience. 2019 Aug 7; 11:204. <https://doi.org/10.3389/fnagi.2019.00204>. PMID: 31447664
* Llorens F, Kruse N, Schmitz M, Gotzmann N, Golanska E, Thüne K, **Zejneli O,** Kanata E, Knipper T, Cramm M, Lange P, Zafar S, Sikorska B, Liberski PP, Mitrova E, Varges D, Schmidt C, Sklaviadis T, Mollenhauer B, Zerr I. Evaluation of α-synuclein as a novel cerebrospinal fluid biomarker in different forms of prion diseases. Alzheimers Dementia. 2017 June;13(6):710-719. <https://doi.org/10.1016/j.jalz.2016.09.013>. Epub 2016 Nov 18. PMID: 27870938

Selected Conferences & Presentations

* Zejneli O, et al. ***A VHH directed against tau as a novel therapeutic approach in tauopathies?*** NeuroFrance, Oral communication. May 2021
* Zejneli O, et al. ***A VHH directed against tau as a novel therapeutic approach in tauopathies?*** Alzheimer’s Disease and Parkinson’s Disease (ADPD). Oral communication. March 2021
* Zejneli O, et al. ***A VHH directed against tau as a novel therapeutic approach in tauopathies?*** American Association International Conference (AAIC). Poster. November 2020
* Zejneli O, et al. ***A VHH directed against tau as a novel therapeutic approach in tauopathies?*** Oral communication and Poster. New Frontiers in Structure-Based Drug Discovery. Florence, Italy. September 2019.
* Zejneli O, et al. ***NMR as a powerful tool to identify the target epitopes of single-domain antibodies for immunotherapeutic approaches in tauopathies***. Poster. NMR a tool for biology. Paris, France. January 2019
* Zejneli O, et al. ***Evaluation of the diagnostic potential of 14-3-3 testing in blood-contaminated CSF samples, utilizing sporadic CJD correlated biomarkers*** (t-Tau, Aβ (1-42)). Poster. Prion, Trieste, Italy. May 2014