







BEROT Anna

EMPLOYMENT HISTORY

- 2024/09 – 2021/10** **phD Student (Industrial thesis)** • French national center of scientific research (ICBMS, LCO2 Team) & Covalab (Lyon & Bron, France)
Director: Dr Thierry Granjon | Co-director: Dr Meddy El Aloui
Research Project on the development of anti-HER2 immunoliposomes for the following of the biogenesis of tumour-derived or tumour-associated exosomes (HER2-positive breast cancer)
- 2021/08 – 2021/01** **Assistant Engineer** • Covalab (Bron, France)
I worked for seven months on many projects including humanization of antibodies and the production and purification of SARS-CoV-2 Proteins
- 2020/10 – 2020/01** **Research internship** • Covalab (Bron, France)
Supervisor: Dr Meddy El Alaoui
Research project on the development of anti-HER2 immunoliposomes
- 2019/04 – 2019/07** **Research internship** • French national center of scientific research (ICBMS, GEMBAS Team) (Lyon, France)
Supervisor: Dr Ofelia Maniti
Research project on the development of drugs loaded liposomes with modulation of liposomes' membranes' fluidity as a targeting strategy
- Related paper: Ariana Abawi, Xiaoyi Wang, Julien Bompard, **Anna Béro**t, Valentina Andretto, Leslie Gudimard, Chloé Devillard, Emma Petiot, Benoit Joseph, Giovanna Lollo, Thierry Granjon, Agnès Girard-Egrot and Ofelia Maniti (2021). "Monomethyl Auristatin E Grafted-Liposomes to Target Prostate Tumor Cell Lines "Int J Mol Sci. 2021. Apr 15;22(8):4103. doi: 10.3390/ijms22084103. IF 6.2)*
- 2018/07 – 2018/06** **Research internship** • French national center of scientific research (ICBMS, COB Team) (Lyon, France)
Supervisors: Dr Stéphane Chambert and Dr Christophe Soulage
One month internship on developing a new kit that allows the quantification of glucose uptake without using the current methods that employ radioactivity

EDUCATION

- 2021 – 2024** **phD Student** • Claude Bernard Lyon 1 University, France 
- 2017 – 2020** **Engineer's degree, specialized in Biochemistry and Biotechnologies** • Institut National des Sciences Appliquées de Lyon (Lyon, France) 
Graduated with honours (16,08/20)
- 2019 – 2020** **Exchange student** • KTH Royal Institute of Technology (Stockholm, Sweden) 
School of Engineering Sciences in Chemistry, Biotechnology and Health
Grades: Downstream processing of biological products (Good), Advanced Physiology (Excellent, 82,4/85), Molecular Enzymology (Excellent, 55/60)
- 2015 – 2017** **Graduate degree (DEUG) with a distinction in Biochemistry** • Claude Bernard Lyon 1 University (Lyon, France) 
Graduated with 16,585/20 – Rank 4/649
- 2015** **High School Diploma** • Lycée La Xavière (Lyon, France)
Life Sciences Major, Graduated with honours (17,50/20)

SKILLS

Laboratory • HPLC (SEC, RP), proteins' production (both procaryotic and eucaryotic systems), proteins' characterisation and purification (namely on ÄKTA pure™ apparatus), cell culture, flow cytometry, liposomes preparation and characterization

Software • Microsoft Office, R Studio (basic), Image J, Unicorn, Chromeleon

Languages • French (mother tongue) and English (C1)

CONFERENCES & SEMINAR PARTICIPATION

- 2023/07** **ICBMS Day** • Oral presentation and poster
- 2023/06** **IMBL Day** • Oral presentation and poster
- 2023/04** **CLARA** • Poster
- 2022/11** **GERLI** • Oral presentation
- 2022/07** **IMBL Day** • Oral presentation