

Hassan HIJAZI

 HIJAZIIHASSAN



Personal Website

<https://hijazihassan.github.io/>



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Languages

- Arabic (native)
- English (C1)
- French (B1)



Computer Skills

- R
- Python (intermediate)
- Unix command line
- Git/Github
- LaTeX
- Inkscape



Interests

- Poetry
- Evolution Theory
- Machine Learning



Distinction

- Two published poetry books
- “[A second Apple for Eve](#)” 2015
 - “[Lamar](#)” 2018
 - Rewarded scout holding “wood badge” from Fédération du coutisme Libanais (2016).



Scientific Experience

PhD project | 2021 – currently (will finish by end of march 2025)

- **Location:** EDyP Lab - CEA - Grenoble
- **Subject:** Studying Histone Lysine Acylations in Huntington's Disease by Proteomics
- Skills:
 - ESI-MS (DDA & PRM)
 - histone extraction, western blot.
 - Xcalibur/FreeStyle
 - Skyline
 - Histone proteomics data analysis in R & Python
 - See an exemplar [here](#).

Master Research project | 2021 (6 months)

- **Location:** Institute of Structural Biology – Mass spectrometry Platform – Grenoble, France
- **Subject:** Impact of detergents on sequencing membrane proteins using MALDI-MS
- Skills:
 - MALDI-MS
 - protein purification, buffer exchange.
 - Unidec, Massign

Master Research project | 2020 (6 months)

- **Location:** ETH Zürich - DBSSE – Bioprocess Laboratory – Sven Panke's Lab – Basel, Switzerland
- **Subject:** Ultradeep Sequence-Function Mapping of Prokaryotic Promoter Libraries
- Skills: PCR, Molecular cloning, cell culture, DNA extraction



PUBLICATIONS

Mind Your Spectra: Bullet Points to Validate the Identification of Isobaric Histone Peptidofoms (under revision)

Hassan Hijazi, Julie Manessier, Sabine Brugiére, Tina Ravnsborg, Marie Courçon, Ole N Jensen, Anne-Marie Hesse, Christophe Bruley, Delphine Pflieger

Sequencing intact membrane proteins using MALDI mass spectrometry

Edison Zhamungui Sánchez, Hassan Hijazi, Jana Haidar, Enrica Mecarelli, Elda Bauda, Isabelle Petit-Härtlein, Jean-Marie Teulon, Jean-Luc Pellequer, Elisabetta Boeri Erba
DOI: [10.3389/frans.2023.1124741](https://doi.org/10.3389/frans.2023.1124741)

Toehold switch based biosensors for sensing the highly trafficked rosewood *Dalbergia maritima*

Paul Soudier, Daniel Rodriguez Pinzon, Tristan Reif-Trauttmansdorff, Hassan Hijazi, ... Anna Niarakis a c, Manish Kushwaha, Ioana Grigoras
DOI: [10.1016/j.synbio.2022.03.003](https://doi.org/10.1016/j.synbio.2022.03.003)



Education

Université Grenoble Alpes – France | 2021 - currently

- École doctorale Chimie et Sciences du Vivant (ED CSV)
- Funded by [GRAL](#)

Université Grenoble Alpes – France | 2020 - 2021

- [Master 2 in Nanosciences and Nanotechnologies](#)

Université Paris Saclay – France | 2019 - 2020

- [Master 2 in Systems and Synthetic Biology](#)

Lebanese University, Faculty of Sciences (I) - Lebanon

- **Master 1:** Applied Animal Biology 2013 – 2014
- **Bachelor's degree:** Life and Earth Sciences 2010 – 2013