

Abdoulie Jallow

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EDUCATION

Master's Degree in Biophysics

Johannes Kepler University Linz

Present

Dual Degrees in Biological Chemistry

September 2024

BSc, Johannes Kepler University Linz

Bachelor's Thesis: *Synthesis of Hydrogels by Inclusion Complexation between Poly(organo)phosphazenes and α -cyclodextrin*

Supervisors: Assoz. Univ.-Prof. Dr. Ian Teasdale and Dipl.-Ing. Michael Kneidinger

Bc, University of South Bohemia České Budějovice

Bachelor's Thesis: *The Role of Chromatin Modifiers in Plants' Response to Light Acclimation*

Supervisors: Mingxi Zhou Ph.D. and Mgr. Iva Mozgová Ph.D.

International Foundation Program

Fachhochschule Oberösterreich, Wels

July 2020

SKILLS

Tools - R programming, Markdown & Quarto *Basic:* Python, Bash, Git

Selected Coursework - Biochemistry, Molecular Biology, Mathematics & Physics, Organic chemistry, Physical Chemistry, General & Inorganic Chemistry, Analytical Chemistry

Languages - English (Fluent), German (B1)

EXPERIENCE

Institute of Polymer Chemistry

Bachelor Student

May 2024 - September 2024

Linz, AT

- Gained experience in organic chemistry methods, such as synthesizing, purifying, and analyzing organic compounds using NMR spectroscopy during my bachelor's thesis project.
- Learned various polymer chemistry techniques including living cationic polymerization, macromolecular substitution, and gel permeation chromatography (GPC).

Laboratory of Plant Epigenetics, CAS

Bachelor Student

Feb 2022 - January 2023

České Budějovice, CZ

- Acquired practical experience in molecular biology techniques, which included isolating RNA, synthesizing cDNA, and performing RT-qPCR, for analyzing gene expression in mutants of *Arabidopsis thaliana*.
- Developed proficiency in agarose gel electrophoresis for the analysis and quality control of RNA samples.

Edward Francis Small Teaching Hospital

volunteer

Feb 2018 - April 2019

Banjul, GM

- Assisted medical staff with various administrative tasks.
- Received training in venous sample collection and HIV rapid testing procedures.