ANISSA DEMIRSOY
CHEMISTRY STUDENT

Available for a research internship (6 to 8 weeks) starting in May 2026. Portfolio of my scientific projects available on my website (GitHub).

CONTACT

tl.anissa01@gmail.com
+336.06.40.37.26
Driving licence (B)

PROFILE

My objective is to contribute to fundamental research in supramolecular and synthetic chemistry,
with a particular interest in nanoparticles, hybrid materials, and molecular machines.

REFERENCES

Dr. Simon tricard
Internship supervisor (2022)
tricard@insa-toulouse.fr

Dr. Sebastien Lledos
Internship advisor (2022)
sebastienlledos@gmail.com

LANGUAGE

Français : native speaker
English : B2

NETWORK

linkedin :

www.linkedin.com/in/anissa
-demirsoy-86a923182

GitHub (portfolio) :

https://anissademirsoy.github
.io/demirsoy-portfolio/

LAST EXPERIENCE

Runner for Le petit Chabry, Perpignan (66)
August-October 2024, May-September 2025.

INTERNSHIP

LCPNO (INSA, CNRS), NCO team, Toulouse (31)
04 april 2022 - 6 July 2022
Internship topic : Integration of metallic nanoparticles into low-molecular-weight hydrogels Synthesis and size control of metallic nanoparticles. Phase transfer via ligand exchange. Preparation of hydrogels and nanoparticle incorporation. Collaborative work between several laboratories (LPCNO, IMRCP, LCC).

EDUCATION

University of Perpignan Via Domitia
2025-2026
University Diploma (DU) in English.

University of Perpignan Via Domitia
2024/2026
Bachelor's degree in Chemistry, specialized in Analytical Chemistry and Environment.

University Toulouse III - IUT Paul Sabatier, Castres
2020-2022
University Diploma of Technology (DUT) in Chemistry, specialization in Synthesis.

TECHNICAL SKILLS

Synthetic Chemistry :
- Multi-step reactions monitored by CCM, CPG, NMR and HPLC
- Synthesis under classical and inert conditions, glove box, microwave activation, catalysis.
- Purification by recrystallization, distillation, liquid–liquid extraction and column chromatography.
- Structural identification by NMR (1D/2D), FTIR and mass spectrometry (MS/MS).

Analytical Chemistry :
- Separation techniques by GC (FID/MS/MSMS detection), HPLC (UV, DAD, fluorescence, MS detection), CombiFlash and ion chromatography.
- Atomic absorption/emission spectroscopy, melting point, TGA, DSC, XRD.
- Sample preparation by Headspace, SPE, SPME, QuEChERS.
- Sample preparation and image processing of TEM and SEM analyses.

Computing :
- Pack Office | ImageJ | OriginLab | Rstudio | Chemsketch | Zotero