

Soumiya Koujdal

New graduate in forensic science

Driving licence

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Languages

French

Native language

Arabic

Mother tongue

English

Fluent

German

Good

Biomolecular

Biocellular

Biochemistry

Physical chemistry

Chemistry

Physics

Bio-informatics

Office automation

Training

- 2023: **Master's degree in Forensic medicine and criminalistics**, *Cum Laude*, (with honours) from the University of Paris Cité (2nd place out of 17 students)
- 2020: **Licence Biochemistry and Cellular biology** from the University of Cergy Paris
- 2015: DUT Chemistry at the IUT of University Paris Est-Créteil in Vitry-Sur-Seine
- 2014: **Scientific Baccalaureate with standard pass** and European German option Life and Earth Sciences at Gustave Monod high school in Enghien-les-bains

Skills

Extraction of DNA/RNA and proteins (ex: β -galactosidase), Chromatography, Enzymatic digestion, Electrophoresis, Mapping, Cloning (ex: GFPuv gene in the pUC19 plasmid), Amplification by PCR/RT-PCR, Sequencing of nucleic acids and proteins, Spectrophotometry, Southern/Northern/Western Blot...

Bacterial (ex: Escherichia coli)/eukaryotic animal (ex: CHO) and plant cell cultures, Maintenance and characteristics of a cell line, Cell imaging, Gram staining, Immunolabelling...

Influence of pH on an enzyme and protein assay, study of ADH

Single molecule manipulation: application to Walner cell neurobiology.

Application of conductimetry, Electroargentimetry, pH metering, Potentiometry, Colorimetry, Conductimetry, Spectrometry, Water metering (alkalimetry, COD and water hardness), Determination of mineral nitrogen in polluted water, Calibration of a hydrochloric acid solution, Determination of a mixture of bases, Calibration of KMnO_4 , Determination of a mixture of H_2SO_4 and $\text{H}_2\text{C}_2\text{O}_4$, Calibration of a sodium thiosulphate solution...

Mechanical measurements: harmonic oscillator, damped free oscillations, free fall, energy study

Getting to grips with the Stella Architect Trial software, modelling under Stella

Windows, Mac OS, Pack Office.

Professional experiences

- February 2024: Internship at a **private School Elementary and Secondary**
- May 2023: Internship at the **Institute of Legal Medicine of Paris**
- April 2023: Internship at the **CURML of the CHUV in Lausanne**
- May 2018: Internship at a **private School Elementary and Secondary**
- 2017: Voluntary employee at the federation «**La ligue de l'enseignement**»

Others Formations

- March 2024: **Test TOEIC Score: 905 N°3859939432**
- 2017: First aid training: Prevention and first aid level 1 (PSC1); **Google Digital Active certification course**
- **2015: Voltaire Certificate**, (score: Pro 515) CSCV: ECF74F

