

DZEFFOUO KOUCHELE

Beauvarine

Born the 30/03/1996

Nationality: Cameroonian

Sex: Feminine

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Student researcher, PhD in Organic Chemistry, at the University of Yaounde I



EDUCATION

Since November 2020: Ph.D student of the University of Yaounde I (Cameroon), Faculty of Science, Department of Organic Chemistry.

Ph.D topic: Bio-guided anti-pneumonial study of some Cameroonian medicinal plants: an attempt of pre-formulation of a phytodrug.

March 2019-July 2020 M.Sc.in Organic Chemistry at the University Of Yaounde I (Cameroon)

Master thesis: phytochemical studies and evaluation of anti-bacterials activity of the leaves of *Diospyros conocarpa* (Connaraceae).

Chemistry Laboratory of Structural and Analytical (LACOSA).

Supervisor: Pr. NKENGFACK Augustin Ephrem

Director: Pr. MVOT AKAK Carine

July 2017

Bachelor degree's

The University of Yaounde I (Cameroon)

-Applied Chemistry

June 2014

The Classical High School of Dschang (Cameroon)

-Bachelor degree of Science

WORK EXPERIENCE

The University of Yaounde I

Since November 2018 - Lab-attender of the Laboratory Structural and Analytical Chemistry (LACOSA).

October 2019- July 2020: -Young Assistant of Practical work in Organic Chemistry;

SKILL

- Synthesis, purification and characterization techniques
- Synthesis and reaction monitoring by TLC, HPLC
- Purification by recrystallization, distillation and column chromatography
- Structural identification by RMH (13C and 1H), UV, IR, mass Analytical techniques
- Separative (mass HPLC, FID CPG, mass CPG and ion chromatography)
- UV-visible / IR spectroscopy

COMPUTER SKILL

-Good command of Microsoft Office™ (Word™, Excel™,Powerpoint™, Foxit reader, Chem Office, Chemdraw, MesRenova).

LANGUAGE

- French: Fluently
- English: Bilingual

CENTER OF INTEREST

- Sport
- Trainings
- Reading
- Singing

