



INFORMAZIONI PERSONALI

NGUEMNA TAYOU LIONEL

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Sesso Maschile

ISTRUZIONE E FORMAZIONE

01/09/2008–20/06/2010

Scientific baccalaureat

college INTAC, Douala (Cameroon)

02/10/2009–02/10/2015

Bachelor in human and health biology

University of Douala, Douala (Cameroon)

07/10/2015–09/09/2016

First level master in molecular and cellular biology

University of Douala, Douala (Cameroon)

Materials: virology, production of secondary metabolite from microorganism, the study of plant disease, genetic engineering, technique of molecular biology.

02/10/2017–23/10/2019

Master's degree in genomic, industrial and environmental biotechnology

Sapienza university of ROME
piazzale aldo moro 5, 00185 Rome (Italy)
www.uniroma1.it

Master's thesis: "Heterotrophic cultivation of microalgae through alternate feeding of nitrogen and glucose integrated with the treatment of vegetation waters of oil mills"

Phototrophic and heterotrophic cultivation of microalgae

Use of the electron microscope for cell counting

use of spectrophotometric UV-vis

Analysis of COD, BOD, NITROGEN, CARBOHYDRATE AND PHENOL

01/11/2019–alla data attuale

PhD student

Sapienza university of Rome
piazzale aldo moro 5, 00185 Rome (Italy)
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Occupational health and safety assessment in the production of polyhydroxyalkanoates (PHA) from renewable resources

Monitoring of pilot plant for the production of PHA (polyhydroxyalkanoate) thermoplastic polymer

Characterization of PHA

Analysis: GC, TGA, DSC, Viscosimetry

COMPETENZE PERSONALI

Lingua madre francese

Lingue straniere	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
italiano	B2	B2	B2	B2	B2
Italian language studies diploma (CILS)					
inglese	A2	A2	A2	A2	A2

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato
 Quadro Comune Europeo di Riferimento delle Lingue - Scheda per l'autovalutazione

Competenze comunicative Good communication skills obtained during my work experience in other sectors.
 Excellent skills relations with my supervisors, thesis tutors and former masters

Competenze organizzative e gestionali Organizational and managerial skills acquired during my career as a sportsman (football player) as team captain and coach of young players

Competenze professionali skills in phototrophic and heterotrophic cultivation of microalgae
 skills in the analysis or characterization of wastewater
 skills in the PHA production process
 skills in characterizing the PHA
 skill In health and safety assessment for biorefinery

Competenze digitali	AUTOVALUTAZIONE				
	Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
	Utente autonomo	Utente autonomo	Utente autonomo	Utente autonomo	Utente base

Competenze digitali - Scheda per l'autovalutazione

Good command in the use of Excel, Word, Powerpoint programs. Knowledge of the Kaleidagraph program
 Use of Sepu Chromatography software