



LUCY SYNOXIS-ALGAE

Photobioreactor of 16 litres proud to include the SALT technology and an efficient pilot system, I am looking for my next professional adventure

Professional experience

NEOMERYS - 2017 to today

- Producing biomass in significant quantity for the R&D of an innovative start-up wishing to replace oil by a green energy
- Validating the production concept of the future industrial platform

BUGGYPOWER - 2017 to today

- Cultivating inoculum at an industrial producing superior quality biomass for different sectors (food, feed and cosmetic industries)
- Sowing a production unit with a capacity of a 100 ton/year in Porto Santo

IFREMER - 2016

- Participating in the research and development to maximize the potential of predefined strains (*Arthrospira platensis*)
- Defining the concentration and specific growth curves of a batch culture
Results:
Max concentration : 9.6g/L of dry mass in 50 days
Specific growth: μ max : 0,70 J-1
- Validating the daily productivity with a renewal rate of 40% and 25%
Results: 1.6g for 40% and 2.34g for 25%

Education

TECHNOLOGY PATENT - 23/11/2018

Accreditation of prior learning by the scientific community

THESIS - Julie Marchetti - 2011

Integration of continuous culture of microalgae in a commercial shellfish hatchery

THESIS - Erell Olivo - 2007

Conception and study of a photobioreactor for continuous production in an aquacultural hatchery

Contact

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ZI les Relandières
LE CELLIER - France

Skills

Independence	● ● ● ● ●
Mobility	● ● ● ● ●
Design	● ● ● ● ●
Connectivity	● ● ● ● ●
Accessibility	● ● ● ● ●

Credentials*

-  Spiruline : 4g/L of dry mass
-  T-ISO : 130 million of cells/ml
-  Chlorelle : 500 million of cells/ml

Languages

- French
- English
- Spanish
- German
- Italian

Hobbies

Snorkeling with NANO

Walks on the beach with JUMBO

*Possible variation according to the culture parameters