

Pedro Patrique Ferreira da Silva

Biotechnology student at Universidade de Brasília (UnB), Brazil

25 Rua José Ferreira Sobrinho,
Claraval-MG, Brazil
37997-000
+55 16 99248 4562
pedro.patique02@gmail.com

EXPERIENCE

Levare Bioprocesses, Biotechnology startup Brasília-BR — *Co-founder*

February 2020 - Present

Levare is a biostartup that provides consulting mentorship in bioprocesses for producers of fermented food or beverages.

Molecular Biology Laboratory, Cell Biology Department, Universidade de Brasília, Brasília-BR — *Young Researcher*

March 2019 - December 2019

Production of recombinant lipases in *Escherichia coli* for the synthesis of biodiesel from palm oil. Use of Toggle Switch platform in yeast.

Institut National de la Recherche Scientifique, Université de **Québec, Québec City- CA — Intern Student**

July 2018 - September 2018

Research on optimization of C5 and C6 sugars utilization from wood hydrolysate for biofuel production by oleaginous yeast.

Enzymology Laboratory, Cell Biology Department, Universidade de Brasília, Brasília-BR — *Young researcher*

March 2017 - July 2018

Inhibition studies of *Penicillium chrysogenum* xylanases by phenolic compounds from lignin pretreatment.

Genesys Biotechnology Junior Enterprise, Universidade de Brasília, Brasília -BR — *Marketing Manager*

August 2017 - December 2018

Junior enterprise that provide services as bioprocesses consulting, environmental monitoring counseling and biosafety analysis.

EDUCATION

Universidade de Brasília, Brasília-BR — Bachelor's degree in **Biotechnology**

March 2016- Present

Currently, I am a Biotechnology Bachelor's student, with GPA 4,7/5.

SKILLS

Proactivity

Good communication

Persistence

Leadership

GRANTS

2021 Young Leader in **Biotechnology of Latin America**

- Allbiotech unites the most promising leaders in the field of biotechnology in Latin America in order to solve problems that the bioeconomy faces in the region.

2018 Mitacs Globalink Research

Internship - Grant for a 12-week research in Canada for top-ranked international students.

2016 Brazilian Youth

Ambassador - Grant for high school students representing their countries in the USA in order to promote mutual understanding, increase leadership skills, and prepare youth to make a difference in their communities.

LANGUAGES

Portuguese (Fluent), English (Fluent), French (Intermediate)

PROJECTS

STEAM Power for Girls — From The USA Embassy in Brazil Mentor

March 2020 - December 2020

It is a program for the training of one hundred girls that have opportunities to develop innovative ideas of social impact to help improve their communities.

Women's Entrepreneurship Day Brazil— WEDO Marketing Manager

March 2017 - December 2019

One of the largest global events of female entrepreneurship and empowerment, which seeks gender equality and the incentive to the protagonism of women in the entrepreneurial work market.

Tutorial Education Program - PETiBiotec Marketing Manager

March 2017 - December 2019

Project that aims to spread knowledge to the population through scientific education and fairs.

COURSES

CIRCULAR X: Circular Economy - An introduction
Delft University of Technology - 2020 (through EdX platform)

EVENTS

2019 World Youth Forum - Egypt Attendee

The WYF is a global platform bringing together youth from around the world together with the decision makers and different influential officials.

PUBLICATIONS

SILVA, Pedro Patrique Ferreira et al. **Legislação brasileira para a produção de kombucha**. Brasília: Levare Bioprocessos, 2020. 25 p.

OSORIO-GONZÁLEZ, CARLOS S. ; HEGDE, KRISHNAMOORTHY ; FERREIRA, PEDRO ; BRAR, SATINDER KAUR ; KERMANSHAHIPOUR, AZADEH ; SOCCOL, CARLOS RICARDO; AVALOS-RAMÍREZ, ANTONIO. **Lipid production in Rhodosporidium toruloides using C-6 and C-5 wood hydrolysate: A comparative study**. BIOMASS & BIOENERGY, v. 130, p. 105355, 2019.

CAMPOS, L. T. P. ; PIERRE, V. R. M. ; MURR, J. A. R. N. ; KASAHARA, M. H. ; SILVA, P. P. F. ; Ribeiro, A. M ; GOMES, G. D. ; FONSECA, G. C. ; ALVES, B. O. ; SILVA, L. M. B. ; QUINTANILHA, M. V. T. ; MIRANDA, L. V. N. ; PORTO, A. C. C. Q. ; CARVALHO, M. N. ; CRUZ, N. S. ; VIANA, B. S. ; FIGUEIROA, R. N. A. ; CASTILHO, D. R. ; LEMOS, E. O.. **Divulgação científica e o projeto momento ciência**. Enseñanza de las Ciencias, v. 1, p. 5261-5266, 2017.