

Personal Data

Surname: Baiguera

Name: Rebecca Michela

Date of birth: February 15th, 1992

Organization and Position: Scholarship at Biology and Biotechnology Department, University of Pavia (Italy)

Education and training

- 2015, February 23: Degree in Biologic Sciences - University of Pavia
- 2017, April 27: Master degree in Experimental and Applied Biology - University of Pavia
- 2017, November: qualifying examination for the Profession of Biologist

Professional experience

Research experience

My main field of interest is the study of lignicolous fungi (WDF) and namely:

- a) fungal sampling and identification;
- b) isolation of strain from sporophores;
- c) growth tests and cultivation of WDF on waste substrates through the spawn technique;
- d) tests using different substrate to cultivate medicinal mushrooms;
- e) analysis of different lignocellulosic substrates degradation by fungi through chemical techniques such as TGA and FTIR.

Professional experience

- 2018, January 1 – present: scholarship on "Research and development of medicinal mushrooms for nutraceutical purpose" (supervisors: Prof. Anna Maria Picco, Prof. Paola Rossi and Prof. Elena Savino).
- from 26 October 2018 to 30 June 2019 – : teacher of mathematics and science in a secondary school
- I am part of the team that in 2018 won a Cariplo project on advanced materials

Scientific Publications and Congress or other Oral Communications

- Girometta, C., Picco, A. M., Baiguera, R. M., Dondi, D., Babbini, S., Cartabia, M., Mirko Pellegrini & Savino, E. Physico-Mechanical and Thermodynamic Properties of Mycelium-Based Biocomposites: A Review. 2019, Sustainability, 11(1), 281;
- Girometta C., Rovelli L., Ronconi L.M., Brescia F., De Negri I., Baiguera R.M., Picco A.M., Savino E., 2018. Fomitopsis officinalis sulle Alpi italiane: considerazioni e dati preliminari sull'incerto status di un'antica risorsa. XXII Congresso Nazionale di Micologia, Siena, 6-8 settembre 2018. Abstract book, p. 4

- Savino E., Girometta C., Baiguera R.M., Cesaroni V., Guglielminetti M.L., Rodolfi M., Rossi P., Picco A.M., 2016. Different approaches for *Herichium erinaceus* spawn in the perspective of gluten free products. The International Society for Mushroom Science, vol. 19 art. 106.