



Plant worms, zombie ants and their biotechnological potential, the case of the entomopathogenic fungus *Cordyceps*

Dr. Tatiana Sanjuan, Friday, November 6, 2020

3:00 – 4:00 PM, Zoom Virtual meeting room

Presentation: In this talk, Tatiana Sanjuan will share with you the entomopathogenic fungus *Cordyceps*, which causes changes in the behavior of the insects, and how its metabolites has been used for the benefit of humanity as a medicine. Furthermore, you will find out how from the study of the diversity of these fungi in the Amazon forests on worms, spiders, moths and ants could be used for their biotechnological potential

About the speaker: Tatiana Sanjuan holds a Ph.D. in Biology from Antioquia University in Medellín, Colombia. For almost 20 years her research has focused on the entomopathogenic fungus *Cordyceps* s.l. in the Amazon and other tropical rainforests. She started her research when she learned of the indigenous Amazonian myth about the zombie bullet ant, the liana called “Yare”, and *Cordyceps*. In her postgraduate research she published several articles describing more than 10 new species of *Cordyceps* s.l. from the Amazon and their relationships with their respective hosts. Last years she worked on the biotechnology potential of *Cordyceps*, and currently she is working in *Cordyceps* species develops and how these species could be uses as bioindicator of the health of the ecosystems.



Seminar information: This seminar will be held virtually via Zoom. To log into the seminar please use the following web link:

<https://fresnostate.zoom.us/j/93828128141?pwd=K2NuaEExTGpLVWwM0N2lvWnpETHMyQT09>

Passcode: 542050