

## Seminars in Biotechnology BTEC 591 & BTEC 691

### **“Evaluation of pollen performance”**

**Thursday, December 9, 2021**

**13:30**

**GTU Congress Center, Red Hall**

**Assoc. Prof. Aslıhan Çetinbaş-Genç**

Marmara University, Department of Biology, İstanbul, Turkey



Aslıhan Çetinbaş-Genç is a faculty member in the Department of Biology at Marmara University. She received her B.Sc. degree from İstanbul University Department of Biology in 2009. She studied plant embryology during her master's education, and she got her M.Sc. degree from Marmara University, Faculty of Arts and Sciences in 2011. Then, she also got her Ph.D. degree from Marmara University, Faculty of Arts and Sciences in 2016. During her Ph.D. she focused on plant embryology as well. In 2016 and 2018 she received training about plant reproductive biology and pollen tube elongation at the University of Siena, Italy. Beginning from 2018 she has been conducting studies about hazelnut and tea pollens in collaboration with experts from the University of Siena. She got several articles published about pollen elongation in the SCI-expanded journals.

### **Abstract**

Flowering plants are sexually reproducing organisms. During the sexual reproduction process, pollen performance has a crucial role because fertilization success and in this way crop yield are closely related to pollen performance. In this presentation, basic parameters used to evaluate pollen performance will be explained.