

**Martics Atina**

*Ph.D. student*



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📍 Szeged, Temesvári krt. 62.  
Biological Research Centre  
Institute of Plant Biology

## Nationality

hungarian

## Education

Biology BSc

University of Szeged

📅 2017-2020

Biologist MSc

University of Szeged

📅 2020-2022

## Language Skills

English, level B2

## Research Topics

- 2019-2022 Examination of the dependence of flagellin treatment-induced systemic response in tomato
- 2021-2022 The light-dependent effect of coronatin on salicylic acid-induced stomatal closure
- 2023-now The role of photosynthesis, proline, and ascorbate metabolism in stress response

## Conferences

- 2020 XXIII. Tavaszai Szél Konferencia
- 2020 4th National Conference of Young Biotechnologists
- 2020 IX. Interdiszciplináris Doktorandusz Konferencia
- 2021 II Plant Pests and Diseases Forum
- 2021 Plant Biology Europe 2021
- 2021 8th Plant Nitric Oxide International Meeting
- 2021 XIII. Magyar Növénybiológiai Kongresszus
- 2023 XII Symposium of Ethylene
- 2023 A Magyar Szabadgyök kutató Társaság XII. Kongresszusa

## Publications

- 2021 Journal of Plant Physiology  
(Role of ethylene and light in chitosan-induced local and systemic defence responses of tomato plants)
- 2023 Journal of Plant Physiology  
(The local and systemic accumulation of ethylene determines the rapid defence responses induced by flg22 in tomato (*Solanum lycopersicum* L.)

## Accomplishments

2020	TDK, plant biology section, III. place
2021	35. OTDK, plant physiology section 1., II. place
2021	ÚNKP-21-2
2022	National Higher Education Scholarship
2022	TDK, plant biology section, III. place
2022	TALENT Scholarship, silver grade
2023	ÚNKP-23-3

## Volunteer Work

2019	Volunteer work at the 10th Congress of the Hungarian Free Radical Research Society
2019	Educational outreach activities during Researchers' Night
2019	Educational outreach activities on Plant Day
2021	Educational outreach activities during Researchers' Night
2022	Volunteering at the exhibition of the Biology Institute's „Korlátok nélkül" photo contest
2022	Educational outreach activities at the SZTE TTIK Open Day

