

SARA PAOLA NASTASI

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University career

2015-2019	Bachelor's Degree in Scienze e tecnologie erboristiche (L-29 Scienze e tecnologie farmaceutiche) at the University of Milan. Mark: 100/110 (Average: 24,95)
2020-2022	Double Master's Degree in Plant Science (LM-6 Biology) at the University of Milan (IT) and University of Grenoble-Alpes (FR). Mark: 105/110 (Average: 26,385)

Publications

2023 Published	Mirasole, F. M., Nastasi, S. P. , Cubero-Font, P. & De Angeli, A. Vacuolar control of stomatal opening revealed by 3D imaging of the guard cells. <i>Sci Rep</i> 13, 7647 (2023).
2023 Published	Zeng, Y.; Verstraeten, I.; Trinh, H.; Lardon, R.; Schotte, S.; Olatunji, D.; Heugebaert, T.; Stevens, C.; Quareshy, M.; Napier, R.; Nastasi, S. P. ; Costa, A.; Rybel, B.; Bellini, C.; Beeckman, T.; Vanneste, S.; Geelen, D. (2023) Chemical induction of hypocotyl rooting reveals extensive conservation of auxin signalling controlling lateral and adventitious root formation. <i>New Phys</i>

Congress – events participations

2021 – Oral	Annual Plant-Int Symposium (APIS) of the Plant Science Master students, Villar- D'Arene (FR). "Molecular function and nuclear localization of PAP8".
2022 – Abstract	Plant Calcium Signaling (PCS), Milan (IT). S. Buratti, G. Tortora, S. P. Nastasi , A. Webb, P. Dupree, A. Bassi, A. Costa, M. Grenzi. "A Simple methodology to study the effects of plant nutrient homeostasis on Ca ²⁺ signaling".
2022 – Abstract	European Calcium Society (ECS), Cork (IRE). S. Buratti, G. Tortora, S. P. Nastasi , A. Webb, P. Dupree, A. Bassi, A. Costa, M. Grenzi. "A Simple methodology to study the effects of plant nutrient homeostasis on Ca ²⁺ signaling".
2023 – Oral	Società Italiana Biologia Vegetale (SIBV), Bertinoro (IT). S. P. Nastasi , F. G. Doccia, M. Grenzi, A. De Angeli, A. Costa. "Ca ²⁺ levels in cytosol and tonoplast during stomal opening".
2023 – Oral	Società Italiana Biologia Vegetale (SIBV), Bari (IT). S. P. Nastasi , F. Resentini, D. Pacifico, R. De Michele, M. Zottini, A. Costa. "Enhancing

	drought tolerance in <i>Arabidopsis thaliana</i> plants through beneficial grapevine endophytes: preliminary findings”.
2024 - Oral	Società Italiana Biologia Vegetale (SIBV), Bertinoro (IT). S. P. Nastasi , B. M. Orlando Marchesano, M. Stanzione, M. C. Bonza. “Zein-based nanoparticles as new formulation to deliver bioactive dsRNA for plant phytopathogens protection”.

Professional experiences

1/12/2022 – 30/09/2023	Fellow researcher on the “PROSIT: <u>P</u> lant <u>m</u> icrobiomes in <u>s</u> ustainable viticulture”, founded by PRIMA. Supervised by Prof. A. Costa.
1/10/2023 -	PhD candidate in Molecular and Cellular Biology at the University of Milan, founded by the Ministerial Fellow. Supervised by M. C. Bonza.

Other achievements

2019-2020	Master of First Level in Fondamenti di fitoterapia at the University of Siena. Mark: 110/110
2020	Achievement of 3 single courses from University of Milan <ul style="list-style-type: none"> - General microbiology (BIO/19) - Genetics (BIO/18) - Molecular biology (BIO/11)
2022	Achievement of fellow of master thesis “Tesi all’Esterò”
2023	Winner of SIBV junior workshop