

Employment

Postdoc

Section for Molecular Plant Biology

Frederiksberg C

1 Jan 2022 → nu

Publications

Zangishei Z#, Annacondia ML*#, Gundlach H, Didriksen A, Bruckmüller J, Salari H, Krause K, Martinez G. (2022) Parasitic plant global small RNA analyses unveil parasite-specific signatures of microRNA retention, loss and gain. *Plant Physiology*. Accepted.

#ZZ and MLA contributed equally to this work.

Oliver C, Annacondia ML*, Wang Z*, Jullien PE, Slotkin RK, Köhler C, Martinez G. (2022) The miRNome function transitions from regulating developmental genes to transposable elements during pollen maturation. *The Plant Cell*. 34: 784–801.

Annacondia ML* and Martinez G. (2021) Reprogramming of RNA silencing triggered by cucumber mosaic virus infection in *Arabidopsis*. *Genome Biology*. 22: 340.

Annacondia ML*, Markovic D, Reig-Valiente JL, Scaltsoyiannes V, Pieterse CMJ, Ninkovic V, Slotkin RK, Martinez G. (2021) Aphid feeding induces the relaxation of epigenetic control and the associated regulation of the defense response in *Arabidopsis*. *New Phytologist*. 230: 1185-1200.

Pascual J, Alegre S, Nagler M, Escandon M, Annacondia ML*, Weckwerth W, Valledor L, Cañal MJ. (2016) The variations in the nuclear proteome reveal new transcription factors and mechanisms involved in UV stress response in *Pinus radiata*. *Journal of Proteomics*. 143: 390-400.

Other publications

Annacondia ML* and German Martinez. (2019) Chapter 12: Plant models of transgenerational epigenetic inheritance. *Transgenerational Epigenetics*. Academic Press. 13: 263 - 282.

Annacondia ML*, Magerøy MH and Martinez G. (2018) Stress response regulation by epigenetic mechanisms: changing of the guards. *Physiologia Plantarum*. 162: 239-250.

Education

05/2017 - 12/2021: PhD Student at the Swedish University of Agricultural Sciences, Uppsala, Sweden. Supervisor: Dr. Germán Martínez.

2014 - 2015: Master's Degree in Biotechnology Applied to Conservation & Sustainable Management of Plant Resources, University of Oviedo, Spain.

2010 - 2014: Bachelor's Degree in Biology, University of Oviedo, Spain.