Qualifications
Doctor of Philosophy, miRNAs mediate SnRK1-dependent energy signaling in Arabidopsis
Award Date: 18 Dec 2013

Employment
Lecturer (Teaching and Research)
Plant Sciences
School of Life Sciences
1 Apr 2024 → present

Research outputs
From RdDM to plant defence
Martinho, C. (Lead / Corresponding author), 30 Sept 2024, In: Nature Plants. 10, p. 1442-1443 2 p.

Interactions between U and V sex chromosomes during the life cycle of Ectocarpus
Vigneau, J., Martinho, C., Godfroy, O., Zheng, M., Haas, F. B., Borg, M. (Lead / Corresponding author) & Coelho, S. M. (Lead / Corresponding author), 12 Apr 2024, In: Development. 151, 20, 12 p., dev202677.

Repeated co-option of HMG-box genes for sex determination in brown algae and animals
Luthringer, R., Raphalen, M., Guerra, C., Colin, S., Martinho, C., Zheng, M., Hoshino, M., Badis, Y., Lipinska, A. P., Haas, F. B., Barrera-Redondo, J., Alva, V. & Coelho, S. M. (Lead / Corresponding author), 22 Mar 2024, In: Science. 383, 6689, 13 p., eadk5466.

Sex chromosome dominance in a UV sexual system
Vigneau, J., Martinho, C., Godfroy, O., Zheng, M., Haas, F. B., Borg, M. & Coelho, S. (Lead / Corresponding author), 28 Dec 2023, BioRxiv, p. 1-31, 31 p.

Detection of MicroRNAs by Northern Blot
Martinho, C. & Lopez-Gomollon, S. (Lead / Corresponding author), 2023, MicroRNA Detection and Target Identification: Methods and Protocols. Dalmay, T. (ed.). 2 ed. Springer , Vol. 2630. p. 47-66 20 p. (Methods in Molecular Biology (Clifton, N.J.)).

CHROMOMETHYLTRANSFERASE3/KRYPTONITE maintains the sulfurea paramutation in Solanum lycopersicum
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Post-transcriptional Gene Silencing Using Virus-Induced Gene Silencing to Study Plant Gametogenesis in Tomato
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CHROMOMETHYLTRANSFERASE3/ KRYPTONITE maintain the sulfurea paramutation in Solanum lycopersicum
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DEK influences the trade-off between growth and arrest via H2A.Z-nucleosomes in Arabidopsis
Brestovitsky, A. (Lead / Corresponding author), Ezer, D., Waidmann, S., Maslen, S. L., Balcerowicz, M., Cortijo, S., Charoensawan, V., Martinho, C., Rhodes, D., Jonak, C. & Wigge, P. A., 4 Nov 2019, BioRxiv, 30 p.

Arabidopsis RNA processing factor SERRATE regulates the transcription of intronless genes
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