



Publications avec appui de la plateforme XYLOBIOTECH (2014-2020)

- 2020** El-Azaz J., de la Torre F., Pascual M.B., Debille S., Canlet F., Harvengt L., Trontin J.-F., Ávila C., Cánovas F.M.
Transcriptional analysis of arogenate dehydratase genes identifies a link between phenylalanine biosynthesis and lignin biosynthesis.
Journal of Experimental Botany, eraa099. <https://doi.org/10.1093/jxb/eraa099>.
- 2020** Li Q., San Clemente, H., He Y. Fu Y., Dunand C.
Global evolutionary analysis of 11 gene families part of Reactive Oxygen Species (ROS) gene network in four *Eucalyptus* species.
Antioxidants 9 (3): 257. <https://doi.org/10.3390/antiox9030257>.
- 2019** Trontin J.-F., Alazard P., Debille S., Bouffier L.
Flowering traits as a component of reproductive success in maritime pine clonal seed orchards.
Proceedings of the IUFRO 2.09.02 Unit, 5th International Conference on “Clonal trees in the bioeconomy age: opportunities and challenges” (Eds: Bonga J.M., Park Y.-S., Trontin J.-F.), Coimbra, Portugal, Sept. 10-15, 2018, pp. 173-179. <https://www.iufro.org/fileadmin/material/publications/proceedings-archive/20902-coimbra18.pdf>.
- 2019** Bouffartigue C., Debille S., Fabreguette O., Cabrer A.R., Pereira-Lorenzo S., Flutre T., Harvengt, L.
Genetic diversity and structure of sweet chestnut (*Castanea sativa*; Mill.) in France: at the intersection between Spain and Italy.
BioRxiv, 792259. <https://doi.org/792210.791101/792259>.
- 2019** Debille S., Trontin J.-F., Bouffier L.
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FCBA Info, octobre 2019, 5 p. <http://www.fcba.info/fr>.
- 2018** Reymond I., Canlet F., Harvengt L.
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- 2018** Llebrés M.T., Pascual M.B., Debille S., Trontin J.-F., Harvengt L., Avila C., Cánovas F.M.

The role of arginine metabolic pathway during embryogenesis and germination in maritime pine (*Pinus pinaster* Ait.).

Tree Physiology 38 (3): 471-484. doi: <https://doi.org/10.1093/treephys/tpx133>.

- 2017** Vidal M., Plomion C., Raffin A., Harvengt L., Bouffier L.
Forward selection in a maritime pine polycross progeny trial using pedigree reconstruction. *Annals of Forest Science* 74, 21. doi: 10.1007/s13595-016-0596-8.
- 2017** Fraysse, J.-Y., Canlet, F.
Gestion de la qualité des plants de pin maritime en pépinière.
FCBA Info, mai 2017, 5 p. <http://fcba.fr/fcbainfo>.
- 2017** Guédes F.T.P., Laurans F., Quemener B., Assor C., Lainé-Prade V., Boizot N., Vigouroux J., Lesage-Descauses M.-C., Leplé J.-C., Déjardin A., Pilate G.
Non-cellulosic polysaccharide distribution during G-layer formation in poplar tension wood fibers: abundance of rhamnogalacturonan I and arabinogalactan proteins but no evidence of xyloglucan.
Planta 246 (5): 857-878. doi: 10.1007/s00425-017-2737-1.
- 2017** Van Acker R., Déjardin A., Desmet S., Hoengenaert L., Vanholme R., Morreel K., Laurans F., Kim H., Santoro N., Foster C., Goeminne G., Légée F., Lapierre C., Pilate G., Ralph J., Boerjan W.A.
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- 2017** Melun F., Nguyen The N., Alazard P., Fraysse J.-Y., de Boisseson J.-M., Fauconnier T., Rousseau J.-P., Périnot C., Canlet F., Reymond I., Durandeu K., Debille S., Harvengt L., Bailly A., Trontin J.-F.
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- 2016** Klimaszewska K., Hargreaves C., Lelu-Walter M.-A., Trontin J.-F.
Advances in conifer somatic embryogenesis since year 2000.
In Vitro Embryogenesis in Higher Plants, Methods in Molecular Biology (Eds: Germanà M.A., Lambardi M.), vol. 1359, Chapter 7, © Springer Science+Business Media New York, pp. 131-166. doi 10.1007/978-1-4939-3061-6_8.
- 2016** Lelu-Walter M.-A., Klimaszewska K., Miguel C., Aronen T., Hargreaves C., Teyssier C., Trontin J.-F.
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- 2016** Trontin J.-F., Aronen T., Hargreaves C., Montalbán I.A., Moncaleán P., Reeves C., Quoniou S., Lelu-Walter M.-A., Klimaszewska K.

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Molecular aspects of conifer zygotic and somatic embryo development: a review of genome-wide approaches and recent insights.

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- 2016** Trontin J.-F., Teyssier C., Morel A., Harvengt L., Lelu-Walter M.-A.

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- 2016** Plomion C., Bastien C., Bogeat-Triboulot M.-B., Bouffier L., Déjardin A., Duplessis S., Fady B., Heuertz M., Le Gac A.-L., Le Provost G., Legué V., Lelu-Walter M.-A., Leplé J.-C., Maury S., Morel A., Oddou-Muratorio S., Pilate G., Sanchez L., Scotti I., Scotti-Saintagne C., Segura V., Trontin J.-F., Vacher C.

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- 2014** Morel A., Trontin J.-F., Corbineau F., Lomenech A.-M., Beaufour M., Reymond I., Le Metté C., Ader K., Harvengt L., Cadène M., Label P., Teyssier C., Lelu-Walter M.-A.

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Planta 240 (5): 1075-1095. doi: 10.1007/s00425-014-2125-z.