Name Laura Ragni
30/09/1980, Italian

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Position: Full Professor (W3) for Plant cell Biology

Academic education including academic degrees

1999-2005	Laurea Magistrale (B.Sc. + M.Sc.) in plant biotechnology, University of Milano, IT
2003	Erasmus student, University of Warwick, UK

Scientific graduation

12/2005-12/2008	PhD in plant cell biology, University of Paris XI /INRA Versailles, FR

Employment

Since 10/2023	Professor for Plant Cell Biology at the University of Freiburg
10/2013-9/2023	Independent group leader, ZMBP, Center for Plant Molecular Biology, University of Tübingen.
03/2013-09/2013	Maternity leave
01/2009-09/2013	Post-doc, DBMV- Department of Plant Molecular Biology, University of Lausanne, CH
10/2010-02/2011	Maternity leave

Other activities, awards and honours

Since 2022	Member of the SFB1101 “Molecular Encoding of Specificity in Plant Processes"
2022	Offer for a W2 professorship for plant cell biology at the University of Marburg *(declined)*
Since 2021	Advisory board member for New Phytologist
2021	Young Scientists Award of the Mathematics and Natural Sciences Class for Biology for 2021 from the Akademie der Wissenschaften zu Göttingen (Göttingen Academy of Sciences and Humanities)
2015-2018	ELITE program for post-doc from the Baden-Württemberg Stiftung
2012-2013	Marie Heim-Vögtlin fellowship from the Swiss National Foundation
2010-2012	EMBO long term fellowship

Ten most important publications

1. Molina D., Horvath S., Zhang X., Xiao W., Ragab N., Ripper D., Kilian J, Andersen TG., **Ragni L.** MYB68 orchestrates cork differentiation by regulating stem cell proliferation and suberin deposition. BioRxiv 2024.03.06.583666; doi: https://doi.org/10.1101/2024.03.06.583666
2. Binenbaum, J., Wulff, N., Camut, L., Kiradjiev, K., Anfang, M., Tal, I., Vasuki, H., Zhang, Y., Sakvarelidze-Achard, L., Davière, J.-M., Ripper, D., Carrera, E., Manasherova, E., Ben Yaakov, S., Lazary, S., Hua, C., Novak, V., Crocoll, C., Weinstain, R., Cohen, H., **Ragni, L.**, Aharoni, A., Band, L.R., Achard, P., Nour-Eldin, H.H., and Shani, E. (2023). Gibberellin and abscisic acid transporters facilitate endodermal suberin formation in Arabidopsis. Nature Plants 9, 785-802.
3. Serra O, Mähönen AP, Hetherington AJ, **Ragni L**. 2022. The making of a plant armor: the periderm. Annual Review of Plant Biology. 73. doi: 10.1146/annurev-arplant-102720-031405
4. Andersen TG, Molina D, Kilian J, Franke R, **Ragni L*** and Geldner N. 2021. Tissue-autonomous phenylpropanoid production is essential for establishment of root barriers. Current Biology. 31(5):965-977.e5. doi:10.1016/j.cub.2020.11.070. ***co-corresponding author**.
5. Ben-Targem M, Ripper D, Bayer M, **Ragni L**. 2021. Auxin and gibberellin signalling cross-talk promotes hypocotyl xylem expansion and cambium homeostasis. Journal of Exp. Botany. 72(10): 3647-3660. doi: org/10.1093/jxb/erab089
6. Xiao W, Molina D, Wunderling A, Ripper D and Vermeer J and **Ragni L.** 2020. Pluripotent Pericycle Cells Trigger Different Growth Outputs by Integrating Developmental Cues into Distinct Regulatory Modules. Current Biology. 30(22):4384-4398.e4385. doi: 10.1016/j.cub.2020.08.053.
7. Campilho A, Nieminen K, **Ragni L**. 2020. The development of the periderm: the final frontier between a plant and its environment. Current Opinion in Plant Biology, 53:10-14. doi: 10.1016/j.pbi.2019.08.008.
8. Wunderling A, Ripper D, Barra-Jimenez A, Mahn S, Sajak K, Ben-Targem M, **Ragni L**. 2018. A molecular framework to study periderm formation in Arabidopsis. New Phytologist, 219:216-229. doi: 10.1111/nph.15128.
9. **Ragni L***, Greb T. 2018. Secondary growth as a determinant of plant shape and form. Seminars in Cell and Developmental Biology, 79:58-67. doi: 10.1016/j.semcdb.2017.08.050. ***co-corresponding author**.
10. Barra-Jimenez A, **Ragni L.** 2017. Secondary development in the stem: when Arabidopsis and trees are closer than it seems. Current Opinion in Plant Biology, 35:145-151. doi: 10.1016/j.pbi.2016.12.002.