

## Plant Plasticity Publications

### 2017

Vazquez-Albacete, D., Montefiori, M., Kol, S., Motawia, M. S., Møller, B. L., Olsen, L., Nørholm, M. H. H. (2017) The CYP79A1 catalyzed conversion of tyrosine to (E)-phydroxyphenylacetaldoxime unraveled using an improved method for homology modeling. *Phytochemistry* 135, 8-17. doi: [10.1016/j.phytochem.2016.11.013](https://doi.org/10.1016/j.phytochem.2016.11.013)

Jørgensen, M. E., Xu, D., Crocoll, C., Ramirez, D., Motawia, M. S., Olsen, C. E., Nour-Eldin, H. H., Halkier, B. A. (2017) Origin and evolution of transporter substrate specificity within the NPF family. *eLife* 6:e19466. [10.7554/eLife.19466](https://doi.org/10.7554/eLife.19466)

Shah, P., Cho, S. K., Thulstrup, P. W., Bjerrum, M.J., Lee, P. H., Kang, J. H., Bhang, Y. J., Yang, S. W (2017) MicroRNA Biomarkers in Neurodegenerative Diseases and Emerging Nano-Sensors Technology. *Journal of Movement Disorders* (1):18-28 [10.14802/jmd.16037](https://doi.org/10.14802/jmd.16037)

Cho, S. K., Ryu, M. Y., Poulsen, C., Kim, J. H., Oh, T. R., Choi, S., Kim, M., Yang, J.-Y., Boo, K. H., Geshi, N., Kim, W. T., Yang, S. W. (2017) HIGLE is a bifunctional homing endonuclease that directly interacts with HYL1 and SERRATE in *Arabidopsis thaliana*. *FEBS Letters* Accepted [10.1002/1873-3468.12628](https://doi.org/10.1002/1873-3468.12628)

Bassard, J.-E., Møller, B. L., Laursen, T. (2017) Assembly of dynamic P450-mediated metabolons – order versus chaos. *Current Molecular Biology Reports*, 3(1) doi: [10.1007/s40610-017-0053-y](https://doi.org/10.1007/s40610-017-0053-y)

D. Vazquez-Albacete, M. Montefiori, S. Kol, M.S. Motawia, B.L. Møller, L. Olsen, M.H. Nørholm: The CYP79A1 catalyzed conversion of tyrosine to (E)-p-hydroxyphenylacetaldoxime unravelled using an improved method for homology modeling. *Phytochemistry* (2017) doi: [10.1016/j.phytochem.2016.11.013](https://doi.org/10.1016/j.phytochem.2016.11.013)

D. Vazquez-Albacete, A.M. Cavaleiro, U. Christensen, S. Seppälä, B.L. Møller, M.H. Nørholm. (2017) An expression tag toolbox for microbial production of membrane bound plant cytochromes P450. *Biotechnology and Bioengineering* 114(4):751-760 doi: [10.1002/bit.26203](https://doi.org/10.1002/bit.26203)

Dueholm, B., Bruce, D., Weinstein, P., Semple, S., Møller, B. L., Weiner, J. (2017) Spatial analysis of root hemiparasitic shrubs and their hosts: a search for spatial signatures of above- and below-ground interactions. *Plant Ecology*, 218:197 Accepted

Zhang, Z., Guo, X., Ge, C., Ma, Z., Jiang, M., Li, T., Zeng, L., Koiwa, H., Yang, S.W., Zhang, X (2017) KETCH1 imports HYL1 to nucleus for miRNA biogenesis in *Arabidopsis*. *P.N.A.S* Accepted

Møller, B. L., Bavishi, K. (2017) Chapter 19. Plants as Chemical Factories. *Plants, Genes and Agricultural Biotechnology* (Ed.: M. Chrispeels) American Society for Plant Biologists/John Wiley, invited contribution, submitted

Knudsen, C., Bavishi, K., Jørgensen, K., Viborg, K. M., Drew, D., Simonsen, H. T., Møller, B. L., Laursen, T. (2017) Natural deep eutectic solvents for functionalization and storage of natural products and enzymes. *eLIFE*, submitted

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Mellor, S., Nielsen, A., Burow, M., Motawia, M., Jakubauskas, D., Møller, B.L., Jensen, P.E. (2016). Fusion of ferredoxin and cytochrome P450 enables direct light-driven biosynthesis. *ACS Chemical Biology* 11(7):1862-9. doi: [10.1021/acscchembio.6b00190](https://doi.org/10.1021/acscchembio.6b00190).

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## 2015

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