

J-L Ferrer List of Publications

- (1) Baatarkhuu, Z.; Chaignon, P.; Borel, F.; Ferrer, J.-L.; Wagner, A.; Seemann, M. Synthesis and Kinetic Evaluation of an Azido Analogue of Methylerythritol Phosphate: A Novel Inhibitor of E. Coli YgbP/IspD. *Sci Rep* **2018**, *8* (1), 17892. <https://doi.org/10.1038/s41598-018-35586-y>.
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- (3) Mas Y Mas, S.; Curien, G.; Giustini, C.; Rolland, N.; Ferrer, J.-L.; Cobessi, D. Crystal Structure of the Chloroplastic Oxoene Reductase CeQORH from Arabidopsis Thaliana. *Front Plant Sci* **2017**, *8*, 329. <https://doi.org/10.3389/fpls.2017.00329>.
- (4) Borel, F.; Marzocca, F.; Delcros, J.-G.; Rama, N.; Mehlen, P.; Ferrer, J.-L. Molecular Characterization of Netrin-1 and APP Receptor Binding: New Leads to Block the Progression of Senile Plaques in Alzheimer's Disease. *Biochem. Biophys. Res. Commun.* **2017**, *488* (3), 466–470. <https://doi.org/10.1016/j.bbrc.2017.05.056>.
- (5) Borel, F.; Barbier, E.; Krasutsky, S.; Jantawornpong, K.; Chaignon, P.; Poulter, C. D.; Ferrer, J.-L.; Seemann, M. Further Insight into Crystal Structures of Escherichia Coli IspH/LytB in Complex with Two Potent Inhibitors of the MEP Pathway: A Starting Point for Rational Design of New Antimicrobials. *ChemBiochem* **2017**, *18* (21), 2137–2144. <https://doi.org/10.1002/cbic.201700363>.
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- (7) Curien, G.; Giustini, C.; Montillet, J.-L.; Mas-Y-Mas, S.; Cobessi, D.; Ferrer, J.-L.; Matringe, M.; Grechkin, A.; Rolland, N. The Chloroplast Membrane Associated CeQORH Putative Quinone Oxidoreductase Reduces Long-Chain, Stress-Related Oxidized Lipids. *Phytochemistry* **2016**, *122*, 45–55. <https://doi.org/10.1016/j.phytochem.2015.11.015>.
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- (9) Prashar, V.; Bihani, S. C.; Ferrer, J.-L.; Hosur, M. V. Structural Basis of Why Nelfinavir-Resistant D30N Mutant of HIV-1 Protease Remains Susceptible to Saquinavir. *Chem Biol Drug Des* **2015**, *86* (3), 302–308. <https://doi.org/10.1111/cbdd.12494>.
- (10) Mas y mas, S.; Giustini, C.; Ferrer, J. L.; Rolland, N.; Curien, G.; Cobessi, D. Analytical Ultracentrifugation and Preliminary X-Ray Studies of the Chloroplast Envelope Quinone Oxidoreductase Homologue from Arabidopsis Thaliana. *Acta Crystallogr F Struct Biol Commun* **2015**, *71* (Pt 4), 455–458. <https://doi.org/10.1107/S2053230X1500480X>.
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