Poster References

1. McAtee, P. et al. (2013) 'A dynamic interplay between phytohormones is required for fruit development, maturation, and ripening', *Frontiers in Plant Science*, 4. Available at: `https://doi.org/10.3389/fpls.2013.00079`.

2. Fernández-Cancelo, P. et al. (2022) 'Ethylene and abscisic acid play a key role in modulating apple ripening after harvest and after cold-storage', *Postharvest Biology and Technology*, 188, p. 111902. Available at: `https://doi.org/10.1016/j.postharvbio.2022.111902`.

3. Wu, M. et al. (2023) 'Gibberellins involved in fruit ripening and softening by mediating multiple hormonal signals in tomato', *Horticulture Research*, 11(2). Available at: `https://doi.org/10.1093/hr/uhad275`.

4. Agliassa, C. and Maffei, M.E. (2018) 'Origanum vulgare Terpenoids Induce Oxidative Stress and Reduce the Feeding Activity of Spodoptera littoralis', *International Journal of Molecular Sciences*, 19(9), p. 2805. Available at: `https://doi.org/10.3390/ijms19092805`.

5. Unsicker, S.B., Kunert, G. and Gershenzon, J. (2009) 'Protective perfumes: the role of vegetative volatiles in plant defense against herbivores', *Current Opinion in Plant Biology*, 12(4), pp. 479–485. Available at: `https://doi.org/10.1016/j.pbi.2009.04.001`.

6. CHEN, Y. et al. (2022) 'Overexpression of the apple expansin-like gene MdEXLB1 accelerates the softening of fruit texture in tomato', *Journal of Integrative Agriculture*, 21(12), pp. 3578–3588. Available at: `https://doi.org/10.1016/j.jia.2022.08.030`.

7. Matthias Naets et al. (2022) 'Time Is of the Essence—Early Activation of the Mevalonate Pathway in Apple Challenged With Gray Mold Correlates With Reduced Susceptibility During Postharvest Storage', *Frontiers in Microbiology*, 13. Available at: `https://doi.org/10.3389/fmicb.2022.797234`.

8. Guo, Z. et al. (2025) 'Dihydroartemisinic acid dehydrogenase-mediated alternative route for artemisinin biosynthesis', *Nature Communications*, 16(1). Available at: `https://doi.org/10.1038/s41467-024-55644-8`.

9. Tran, L.T. et al. (2021) 'Phenolic Profiling of Five Different Australian Grown Apples', *Applied Sciences*, 11(5), p. 2421. Available at: `https://doi.org/10.3390/app11052421`.

10. Li, Y. et al. (2021) 'Effects of Genetic Background and Altitude on Sugars, Malic Acid and Ascorbic Acid in Fruits of Wild and Cultivated Apples (Malus sp.)', *Foods*, 10(12), p. 2950. Available at: `https://doi.org/10.3390/foods10122950`.

11. Schlathölter, I. et al. (2021) 'Low Outcrossing from an Apple Field Trial Protected with Nets', *Agronomy*, 11(9), p. 1754. Available at: `https://doi.org/10.3390/agronomy11091754`.

12. Zinselmeier, M.H. et al. (2025) 'Towards engineering hybrid incompatibility in plants', *Plant Biotechnology Journal*, 23(7), pp. 2752–2754. Available at: `https://doi.org/10.1111/pbi.70096`.

13. Dobránszki, J. and Teixeira da Silva, J.A. (2010) 'Micropropagation of apple — A review', *Biotechnology Advances*, 28(4), pp. 462–488. Available at: `https://doi.org/10.1016/j.biotechadv.2010.02.008`.

14. Food Standards Agency (no date) *Genetically modified foods*.
Available at: https://www.food.gov.uk/safety-hygiene/genetically-modified-foods#how-gm-foods-are-labelled.

15. World Health Organization (2023) *No level of alcohol consumption is safe for our health*.
Available at: https://www.who.int/europe/news/item/04-01-2023-no-level-of-alcohol-consumption-is-safe-for-our-health.

16. Directive 2009/41/EC of the European Parliament and of the Council of 6 May 2009 on the contained use of genetically modified micro-organisms (Recast) (Text with EEA relevance) (2026) Legislation.gov.uk. Available at: https://www.legislation.gov.uk/eudr/2009/41/introduction/2020-12-31/data.xht?view=snippet&wrap=true (Accessed: 10 February 2026).