

Ostrowska A., Kováč J., Ďurkovič J., Hesse L. (2026), **Editorial: Advanced imaging in plants: exploring development and function**, *Frontiers in Plant Science*, 17: 1784311

Pilarska M. (2026), **Facultative CAM and photosynthetic electron transport: unravelling the salinity acclimation puzzle in *Mesembryanthemum crystallinum***, *Frontiers in Plant Science*, 17: 1753517

Nowicka A., Milec Z., Krzewska M., Kopeć P., Springer A., Dubas E., Żur I. (2026), **Transcriptomic identification of potential antioxidative enzyme regulators of the gametophytic-to-embryogenic switch in barley microspores**, *Frontiers in Plant Science*, 16: 1735720

Ptak A., Warchoń M., Morańska E., Laurain-Mattar D., Spina R., Dupire F., Waligórski P., Simlat M. (2026), **Amaryllidaceae alkaloids and phenolic acids identification in *Leucojum aestivum* L. plant cultures exposed to different temperature conditions**, *Molecules*, 31: 258

Hura K., Ostrowska A., Hura T. (2026), **Impact of L-phenylalanine ammonia-lyase inhibition on winter triticale ($\times$ *Triticosecale* Wittmack) at early developmental stages**, *International Agrophysics*, 40: 133-141

Świerszcz S., Kotowski M., Hebda G., Nowak A. (2025), **Climate-driven alterations reshape flower coloration and possible plant-pollinator interactions in wet grasslands**, *Agriculture, Ecosystems & Environment*, 392: 109772

Nowak A., Świerszcz S., Kotowski M., Hebda G., Miszański Z., Kornaś A., Pusz W. (2025), **First insights into functional and taxonomic changes after three years of simulated extreme events in wet grasslands**, *Global Ecology and Conservation*, 61: e03629

Hornyák M., Kula-Maximenko M., Miszański Z., Nilsson A., Andrén PE., Göransson U., Słazak B. (2025), **Distribution of photosensitive fagopyrin in buckwheat flowers and its potential biological relevance**, *Scientific Reports*, 15: 36279

Banaś AK., Grzyb J., Zgłobicki P., Pacak A., Myśliwa-Kurdziel B., Leja K., Kozieradzka-Kiszkurno M., Kłodawska K., Konieczny R., Pilarska M., Niewiadomska E., Bażant A., et al. (2025), **GERALT, a cryptochrome/photolyase family protein, is essential for young chloroplast development and function with its importance decreasing in older plants**, *Plant and Cell Physiology*: pcaf134

Ryś M., Saja-Garbarz D., Fodor J., Oliwa J., Gullner G., Juhász C., Kornaś A., Skoczowski A., Chrapek B., Gruszka D., Barna B., Janeczko A. (2025), **Effect of powdery mildew infection on some physiological and molecular markers of wild type and hormone mutant barley plants**, Acta Phytopathologica et Entomologica Hungarica, 60: 107-125
