

Publikationen Dr. Swanhild Lohse

I Graduierungsarbeit

Dissertation

„Untersuchung der Plastidenentwicklung bei der arbuskulären Mykorrhiza an der Modellpflanze *Medicago truncatula*“

II Originalpublikationen

Selig M, **Lohse S**, Elahi S, Hartmann N, Deckert S, Desuki A, Harder A. Pathogenic Neurofibromatosis type 1 gene variants in tumors of non-NF1 patients and role of R1276. *FEBS OPEN Bio* **2025**, Published Online. IF (2024): 2,2. doi:10.1002/2211-5463.70157

Hellmann F, Ristow I, Well L, **Lohse S**, Anokhin M, Kuhlen M, Andre E, Harder A. Artificial Intelligence-Based Tools for Precision Diagnosis and Treatment of Neurofibromatosis Type 1 Associated Peripheral and Central Glial Tumors. *Orphanet Journal of Rare Diseases* **2025**, 20:551. IF (2024): 3,5. doi:10.1186/s13023-025-04093-5

Leisz S, Pelligrino A, Fritzsche S, Wiegers M, Wösle M, Linke C, Storozhuk O, **Lohse S**, Tippner D, Scheller C, Strauss C, Ehrentreich-Förster E, Dehghani F, Sys S, Maronde E, Harder A. Loss of Schwann cell's normal rhythmic core clock gene expression in malignant NF1-associated peripheral nerve sheath tumor and gain of rhythmic expression of oncogenic driver genes. *Molecular & Cellular Oncology* **2025**, 12. Published online: 23 Sep **2025**. IF 2025 (2024): 1,9. doi:10.1080/23723556.2025.2561292

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Scheler U, Brandt W, Porzel A, Rothe K, Manzano D, Božić D, Papaefthimiou D, Balcke GU, Henning A, **Lohse S**, Marillonnet S, Kanellis AK, Ferrer A, Tissier A. Elucidation of the biosynthesis of carnosic acid and its reconstitution in yeast. *Nat Commun.* **2016** Oct 5;7:12942. doi: 10.1038/ncomms12942. PMID: 27703160; PMCID: PMC5059481.

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Fester T, Schmidt D, **Lohse S**, Walter MH, Giuliano G, Bramley PM, Fraser PD, Hause B, Strack D. Stimulation of carotenoid metabolism in arbuscular mycorrhizal roots. *Planta.* **2002** Nov;216(1):148-54. doi: 10.1007/s00425-002-0917-z. Epub 2002 Nov 12. PMID: 12430024.