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Kvalifikationer

PhD student at the Department of Plant and Environmental Sciences (PLEN), Københavns Universitet

1 jan. 2019 → 3 okt. 2022

Dimissionsdato: 3 okt. 2022

Kandidat i Biologi-Bioteknologi, Københavns universitet, Københavns Universitet

Dimissionsdato: 28 sep. 2018

Bachelor i Biologi-Bioteknologi, Københavns universitet, Københavns Universitet

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Ansættelse

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1 sep. 2022 → nu

Publikationer

An UMAMIT-GTR transporter cascade controls glucosinolate seed loading in *Arabidopsis*

Sanden, Niels Christian Holm, Kanstrup, Christa, Crocoll, C., Schulz, Alexander, Nour-Eldin, Hussam Hassan, Halkier, Barbara Ann & Xu, Deyang, 2024, I: Nature Plants. 10, s. 172-179

Inverse pH Gradient-Assay for Facile Characterization of Proton-Antiporters in *Xenopus* Oocytes

Belew, Zeinu Mussa, Kanstrup, Christa, Hua, C., Crocoll, C. & Nour-Eldin, Hussam Hassan, 2024, I: Membranes. 14, 2, 11 s., 39.

Artificial Fluorescent Glucosinolates (F-GSLs) Are Transported by the Glucosinolate Transporters GTR1/2/3

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Elucidation of the structure-function relationship in the Nitrate and Peptide Transporter Family

Kanstrup, Christa, 2022, Department of Plant and Environmental Sciences, Faculty of Science, University of Copenhagen . 189 s.

Structural Insights into the Substrate Transport Mechanisms in GTR Transporters through Ensemble Docking

Peña-Varas, C., Kanstrup, Christa, Vergara-jaque, A., González-avendaño, M., Crocoll, C., Mirza, Osman Asghar, Dreyer, I., Nour-Eldin, Hussam Hassan & Ramírez, D., 2022, I: International Journal of Molecular Sciences. 23, 3, 20 s., 1595.

The emerging role of the nitrate and peptide transporter family: NPF in plant specialized metabolism

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The GORKY glycoalkaloid transporter is indispensable for preventing tomato bitterness

Kazachkova, Y., Zemach, I., Panda, S., Bocobza, S., Vainer, A., Rogachev, I., Dong, Y., Ben-Dor, S., Veres, D., Kanstrup, Christa, Lambertz, S. K., Crocoll, C., Hu, Y., Shani, E., Michaeli, S., Nour-Eldin, Hussam Hassan, Zamir, D. &

Aharoni, A., 2021, I: Nature Plants. 7, s. 468-480

mGWAS Uncovers Gln-Glucosinolate Seed-Specific Interaction and its Role in Metabolic Homeostasis

Slaten, M. L., Yobi, A., Bagaza, C., Chan, Y. O., Shrestha, V., Holden, S., Katz, E., Kanstrup, Christa, Lipka, A. E., Kliebenstein, D. J., Nour-Eldin, Hussam Hassan & Angelovici, R., 2020, I: Plant Physiology. 183, 2, s. 483-500 18 s.