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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

Dimissionsdato: 24 jun. 2016

## Ansættelse

### Postdoc

Molekylær Plantebiologi

Københavns Universitet

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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**

Kanstrup, Christa, Jimidar, C. C., Tomas, J., Cutolo, G., Crocoll, C., Schuler, M., Klahn, P., Tatibouët, A. & Nour-Eldin, Hussam Hassan, 2023, I: International Journal of Molecular Sciences. 24, 2, 26 s., 920.

### **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**

Kanstrup, Christa & Nour-Eldin, Hussam Hassan, 2022, I: Current Opinion in Plant Biology. 68, 10 s., 102243.

### **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.