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## Kvalifikationer

Biotechnology, MSc, Center for Microbial Communities  
Dimissionsdato: 29 jun. 2018  
Environmental biotechnology, PhD, Per Halkjær Nielsen LAB  
2019 → ...

## Publikationer

### **MiDAS 5: Global diversity of bacteria and archaea in anaerobic digesters**

Dueholm, M. K. D., Andersen, K. S., Korntved, A. K. C., Rudkjøbing, V., Alves, M., Bajón-Fernández, Y., Batstone, D., Butler, C., Cruz, M. C., Davidsson, Å., Erijman, L., Holliger, C., Koch, K., Kreuzinger, N., Lee, C., Lyberatos, G., Mutnuri, S., O'Flaherty, V., Oleskowicz-Popiel, P. & Pokorna, D. & 9 flere, Rajal, V., Recktenwald, M., Rodríguez, J., Saikaly, P. E., Tooker, N., Vierheilig, J., De Vrieze, J., Wurzbacher, C. & Nielsen, P. H., 25 jun. 2024, I: Nature Communications. 15, 5361.

### **Anaerobic Digesters at WWTPs: factors affecting stability and community composition revealed by time series analyses**

Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2022, (Ikke-udgivet).

### **Anaerobic Digesters at WWTPs: factors affecting stability and community composition revealed by time series analyses.**

Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2022, (Ikke-udgivet).

### **MiDAS: Microbial Database for Activated Sludge and Anaerobic Digesters -"Know your microbes!"**

The Danish MiDAS Team, 2022.

### **Time series analyses of Anaerobic Digesters at WWTPs reveal factors affecting community composition**

Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2022, (Ikke-udgivet).

### **Den Mikrobiologiske Database MiDAS går globalt og "online"**

Nielsen, P. H., Hove Hansen, S., Korntved, A.-K. C. & Nierychlo, M. A., okt. 2021, I: Spildevand. 4, 21, s. 45-46

### **Time series analyses of Anaerobic Digesters at WWTPs reveal factors affecting community composition**

Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2021, (Ikke-udgivet).

### **Time series analyses of anaerobic digesters at WWTPs reveal high stability and factors affecting community composition.**

Korntved, A.-K. C., Jiang, C. & Nielsen, P. H., 2021, (Ikke-udgivet).

### **Identification of novel foam-forming microbes in full-scale mesophilic digester at a wastewater treatment plant**

Jiang, C., Yashiro, E., Petersen, A.-K. C. & Nielsen, P. H., 24 jun. 2019.

## Projekter

### **MiDAS: Microbial Database for Activated Sludge and Anaerobic Digesters**

Nielsen, P. H. (PI (principal investigator)), Nierychlo, M. (Projektkoordinator), Hove Hansen, S. (Projektkoordinator), Dueholm, M. K. D. (Projektdeltager), Xu, Y. (Projektdeltager), Petersen, A.-K. C. (Projektdeltager), Jiang, C. (Projektdeltager) & Andersen, K. S. (Projektdeltager)

01/01/2006 → ...

### **MiDAS Sweden: The microbial database for Swedish wastewater treatment plants and digesters**

Nielsen, P. H. (PI (principal investigator)), Hove Hansen, S. (Projektkoordinator), Nierychlo, M. (Projektdeltager), Petersen, A.-K. C. (Projektdeltager) & Andersen, K. S. (Projektdeltager)

01/07/2020 → ...

## Aktiviteter

### **NORDIWA 2021**

Korntved, A.-K. C. (Deltager)

28 sep. 2021