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## Kort præsentation

Ashkan Tashk, Ph.D. i elektroteknik, er postdoc-forsker ved sektionen Food Analytics and Biotechnology (FAB), Københavns Universitet (KU), København, Danmark. Hans forskningsinteresser omfatter anvendt kunstig intelligens og maskinlæring, dataanalyse, biomedicinsk billedbehandling, mønstergenkendelse, billedklassificering og objektdektektering.

## Ansættelse

### Postdoc

Food Analytics and Biotechnology  
Københavns Universitet  
Frederiksberg C, Danmark  
31 jan. 2023 → nu

### Postdoc

Food Analytics and Biotechnology  
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Frederiksberg C, Danmark  
1 feb. 2023 → nu

## Publikationer

### **A Novel PLS2-Based Algorithm for Imputing Missing Values in Foodomics/Metabolomics Studies with multiple response variables**

Tashk, Ashkan, Engelsen, Søren Balling, Khakimov, Bekzod, Steenstrup Pedersen, Kim, Sørensen, Klavs Martin & Engstrøm, Ole-Christian Galbo, 2023.

### **Butterfly network: a convolutional neural network with a new architecture for multi-scale semantic segmentation of pedestrians**

Alavianmehr, M. A., Helfroush, M. S., Danyali, H. & Tashk, Ashkan, 2023, I: Journal of Real-Time Image Processing. 20, 17 s., 9.

### **Modelling of Electronic Health Records for Time-Variant Event Learning Beyond Bio-Markers – a Case Study in Prostate Cancer**

Herp, J., Braun, J., Cantuaria, M. L., Tashk, Ashkan, Pedersen, T. B., Poulsen, M. H. A., Krogh, M., Nadimi, E. S. & Sheikh, S. P., 2023, I: IEEE Access. 11, s. 50295-50309

### **A CNN Architecture for Detection and Segmentation of Colorectal Polyps from CCE Images**

Tashk, Ashkan, Sahin, K. E., Herp, J. & S. Nadimi, E., 2022, 2022 IEEE 5th International Conference on Image Processing Applications and Systems (IPAS). IEEE, 6 s.

### **AID-U-Net: An Innovative Deep Convolutional Architecture for Semantic Segmentation of Biomedical Images**

Tashk, Ashkan, Herp, J., Bjørsum-Meyer, T., Koulaouzidis, A. & Nadimi, E. S., 2022, I: Diagnostics. 12, 12, 23 s., 2952.

