

## Teaching Portfolio (Danish)

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### 1. Formel pædagogisk uddannelse

2016                      Universitetspædagogikum

### 2. Uddannelsesadministrative opgaver

Kursusudvikler og undervisningsansvarlig på kurset BMB538, Cellulær Identitet.

Omstrukturering og udvikling af kurset BMB532, Fundamental Biokemi.

### 3. Erfaring med undervisning, vejledning og eksamen

### Teaching and supervision (PhD and Master's projects)

- Cellular Identity, BMB538**  
Ravnskjær, K.  
01/09/2016 → ...  
[Teaching and supervision: Course › Teaching](#)
- Fundamental Biochemistry, BMB532**  
Ravnskjær, K.  
01/09/2018 → ...  
[Teaching and supervision: Course › Teaching](#)
- Metabolic and Homonal Regulation, BMB536**  
Ravnskjær, K.  
01/02/2017 → ...  
[Teaching and supervision: Course › Teaching](#)
- Biostatistics in R II**  
Ravnskjær, K.  
01/09/2016 → ...  
[Teaching and supervision: Course › Teaching](#)
- First year Project**  
Ravnskjær, K.  
01/02/2016 → ...  
[Teaching and supervision: Course › Teaching](#)
- Transcriptional networks in chronic liver disease**  
Ravnskjær, K.  
01/09/2017 → 31/03/2022  
[Teaching and supervision: Course › Supervision](#)
- Hepatic tissue plasticity during the development of NASH**  
Ravnskjær, K.  
15/01/2018 → 14/01/2022  
[Teaching and supervision: Course › Supervision](#)
- The role of Ptk2b and Fyn kinases in non-alcoholic steatohepatitis**  
Ravnskjær, K.  
01/09/2017 → 01/09/2018  
[Teaching and supervision: Course › Supervision](#)

9. **The in vivo Activation of Gs-coupled receptors in HSCs in a Mouse Model of Liver Fibrosis**  
Ravnskjær, K.  
01/09/2019 → 01/01/2021  
Teaching and supervision: Course › Supervision
10. **Role of PLVAP in hepatic stellate cell biology and hepatic homeostasis**  
Ravnskjær, K.  
01/09/2019 → 01/08/2020  
Teaching and supervision: Course › Supervision
11. **Lipid droplets and autophagy during hepatic stellate cell activation in NASH**  
Ravnskjær, K.  
01/09/2019 → 01/08/2020  
Teaching and supervision: Course › Supervision
12. **Identification of transcriptional programs driving reversion of hepatic myofibroblasts in WD-diet induced NASH**  
Ravnskjær, K.  
01/02/2020 → 01/01/2021  
Teaching and supervision: Course › Supervision
13. **Single-cell network inference with generalized RNA velocity to transient cell states**  
Ravnskjær, K.  
01/02/2020 → 01/01/2021  
Teaching and supervision: Course › Supervision
14. **Studies on the effects of angiotensin AT1-receptor antagonists and angiotensin AT2-receptor agonists and the combination thereof on vascular tone in mouse mesenteric arteries**  
Ravnskjær, K.  
01/09/2020 → 01/06/2021  
Teaching and supervision: Course › Supervision
15. **Gene Expression Profiling and Morphological Subtyping of Pancreatic Ductal Adenocarcinoma**  
Ravnskjær, K.  
01/09/2019 → 01/08/2020  
Teaching and supervision: Course › Supervision
16. **Assessment of a novel vaccine for protection against Pseudomonas aeruginosa infection**  
Ravnskjær, K.  
01/09/2019 → 01/08/2020  
Teaching and supervision: Course › Supervision
17. **Identification of functional co-factors of SSX proteins using CRISPR genetic screening**  
Ravnskjær, K.  
01/09/2019 → 01/08/2020  
Teaching and supervision: Course › Supervision
18. **Natriuretic peptides - Potential mediators of protection and functional adaptation in patients with renal mass reduction/impaired kidney function.**  
Ravnskjær, K.  
01/09/2019 → 01/08/2020  
Teaching and supervision: Course › Supervision

#### 4. Metoder, materialer og redskaber

Undervisning:

Erfaring med klasseundervisning (20 - 140 studerende), laboratorieundervisning, samt online-undervisning via Zoom understøttet af Blackboard.

Eksamensformer:

Erfaring med skriftlige essayopgaver, multiple choice-opgaver, rapportbaserede eksamener samt portefølgeksamener. Erfaring med mundtlig eksamination ved traditionel eksamen samt via onlineplatformen Zoom.

Vejledning:

Erfaring med både konsultationsbaseret vejledning, gruppevejledning samt "mesterlære"vejledning i laboratoriet og ved computeren. Erfaring med både "analoge" og digitale vejledningsformer.

## 5. Uddannelsesudvikling og universitetspædagogisk (følge)forskning, herunder pædagogiske priser