




# KAARE D. TRANÆS

I switched from Copenhagen Business School to study metabolism and human biology. During my master's I discovered the concept of Reproducible Research and became obsessed with developing my statistical data analysis and programming skills, eventually receiving a PhD position in the computational microbiome group at COPSAC. My passions are biology and software, and I dream of a career that allows me to combine the two, building tools for automation and reproducibility within the life sciences.

## EDUCATION

- current  
|  
2023
- **PhD student**  
COPSAC  Dansk BørneAstma Center
    - Trail manager of a phase 1 RCT in infant microbiome modulation using virome transfers. Metagenomic sequencing and bioinformatics.
- 2022  
|  
2020
- **MSc. Human Biology**  
University of Copenhagen
    - Thesis: Establishing an Experimental Animal Model of Necrotizing Enterocolitis (A)
    - Written in Rmarkdown. Complete reproducibility with Pandoc and pagedown
    - Data and source code available on github.
- 2019  
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2016
- **B.S., Food Science and Nutrition**  
University of Copenhagen
    - Thesis: Effects of Alcohol Consumption of Lipoprotein Subfractions (A)

## RESEARCH EXPERIENCE

- 2022  
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2020
- **Research Assistant**  
FOOD Microbiology  University of Copenhagen
    - Data manager, statistician, and first author on results from the SIMBA RCT.
    - Codebase available on Github
- 2021  
|  
2020
- **Research Assistant**  
FOOD Microbiology  University of Copenhagen
    - Authored and published two publications for a non-scientific audience on results from research projects conducted at FOOD and NEXS
    - Available [here](#)<sup>1</sup> and [here](#)<sup>2</sup>

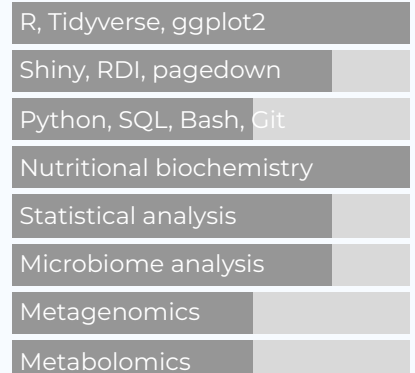


View this CV with links online at  
<https://kaaredt.github.io/cv/>

## CONTACT

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☎ 60453210  
🌐 [github.com/KaareDT](https://github.com/KaareDT)

## LANGUAGE SKILLS



Made with the R package  
[pagedown](#).

The source code is available [on  
github.com/KaareDT/cv](https://github.com/KaareDT/cv).

Last updated on 2023-12-12.

2020  
|  
2019



### Research Assistant

Nutrition & Exercise Institute

📍 UCPH

- Co-authored a systematic review<sup>3</sup> published in 2021.



## INDUSTRY EXPERIENCE

2023  
|  
2021



### Clinical Research Specialist Assistant

AMBU A/S

📍 Ballerup, Denmark

- Literature pipeline developer.
- Implemented DistillerSR (systematic literature review software).
- Wrote python tool for automatically screening research papers for clinical outcomes (using stackoverflow and GPT).

2016  
|  
2011



### Entrepreneur

SMARTLENS

📍 Svendborg, Denmark

- Ran a webshop with photography equipment for smartphones and tablets.
- Featured on "Go'morgen Danmark" and "So ein Ding".

2015  
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2014



### Project Manager

GoMore APS

📍 Copenhagen, Denmark

- Planned and executed promotion campaigns, market research projects and helped create the leasing-car agreement between GoMore and LeasePlan Denmark

I have worked in a variety of roles ranging from technical IT support to literature review software, to clinical research specialist. I enjoy collaborative environments where I can learn from my peers.



## PUBLICATIONS

2023  
|  
2023



### Development of safe and effective bacteriophage-mediated therapies against *C. difficile* infections – a proof-of-concept preclinical study

Co-authored

- BioRxiv<sup>4</sup>

2023



### Overcoming donor variability and risks associated with fecal microbiota transplants through bacteriophage-mediated treatments

Co-authored

- BioRxiv<sup>5</sup>

- 2023 • **Supplementation for six weeks with a fermented canola-seaweed blend is well tolerate but does not influence oral glucose tolerance, gut microbiome, or plasma metabolome in obese individuals - a randomized, double-blinded, placebo-controlled trial.”**  
First author  
• Submitted, under review
- 2020  
|  
2019 • **Dissociation Between Insulin Resistance and Abnormalities in Lipoprotein Particle Concentrations and Sizes in Normal-Weight Chinese Adults**  
First author  
• Frontiers in Nutrition<sup>6</sup>
- 2020  
|  
2019 • **Moderate alcohol consumption and lipoprotein subfractions: a systematic review of intervention and observational studies**  
Second author  
• Nutrition Reviews<sup>7</sup>

## LINKS

- 1: <https://github.com/KaareDT/cv/blob/main/img/Sarkopeni.pdf>
- 2: <https://github.com/KaareDT/cv/blob/main/img/Hjerte-karsygdomme.pdf>
- 3: 10.1093/nutrit/nuab102
- 4: <https://doi.org/10.1101/2023.03.17.532897>
- 5: <https://www.biorxiv.org/content/10.1101/2023.03.17.532897v2>
- 6: <https://pubmed.ncbi.nlm.nih.gov/33718425/>
- 7: <https://doi.org/10.1093/nutrit/nuab102>