

KAARE D. TRANÆS

I switched from Copenhagen Business School to study human biology. During my master's 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
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2023
- **PhD student**
COPSAC 📍 Dansk BørneAstma Center
 - Infant microbiome modulation
 - Clinical trial manager
 - Bioinformatics and data analysis
- 2022
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2020
- **MSc. Human Biology**
University of Copenhagen
 - Thesis: Establishing an Experimental Animal Model of Necrotizing Enterocolitis (A)
 - Written in Rmarkdown/Quarto.
 - 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
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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](#)¹ and [here](#)²



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

CONTACT

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🌐 github.com/KaareDT

LANGUAGE SKILLS

| | |
|---------------------------|--|
| R, Tidyverse, ggplot2 | |
| Data analysis, statistics | |
| Shiny, Flexdashboard | |
| SQL, Bash, Git | |
| Python | |

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

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

Last updated on 2024-01-12.

2020
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2019



Research Assistant

Nutrition & Exercise Institute

📍 UCPH

- Co-authored a systematic review³ published in 2021.



INDUSTRY EXPERIENCE

2023
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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
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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
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2023



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

Co-authored

- BioRxiv⁴

2023



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

Co-authored

- BioRxiv⁵

- 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 Nutrition⁶
- 2020
|
2019 • **Moderate alcohol consumption and lipoprotein subfractions: a systematic review of intervention and observational studies**
Second author
• Nutrition Reviews⁷

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>