Andreas **Gammelgaard Damsbo**

MD, PhD-fellow

Danish Stroke Centre, Neurology, Aarhus University Hospital

he/him | andrlr@rm.dk | andreas.gdamsbo.dk | 0000-0002-7559-1154 | agdamsbo

About me

- I am a medical doctor and PhD-student
- I have a special interest in the relation between clinical focus on patients and data driven research, with a focus of stroke treatment and prevention.
- I am a very happy *R*-user, educator and developer

Medical experience

Education

Aarhus University — *Aarhus, Denmark*
Reproducible Research in R - Advanced — *2023*

Aarhus University — *Aarhus, Denmark*
Advanced R (PhD Course) — *2022*

Aarhus University — *Aarhus, Denmark*
cand.med — *2018*

Employment

First year of specialty training in Neurology — *Aarhus, Denmark*
Aarhus Universitety Hospital — *2020*

Residency (KBU) — *Central Region Denmark, Denmark*
Hospital Unit West — *2018-2019*

Research Assistant (14 months full time) — *Aarhus Universitety Hospital, Denmark*
Neurology — *2018, 2019, 2021*

Research Year Student — *Aarhus Universitety Hospital, Denmark*
Neurology — *2016-2017*

Academic experience

Positions

Visiting professor — *BC, Canada*
University of British Columbia, Vancouver — *2023*

PhD-fellow: Physical activity and Stroke — *Denmark*
Health, Aarhus University — *2022-2025*

International conference attendance

ESOC 2024 — *Basel, Switzerland*
European Stroke Organisation — *2024*

ESOC 2023 — *Munich, Germany*
European Stroke Organisation — *2023*

WSC 2023 — *Toronto, Canada*
World Stroke Organisation — *2023*

ESOC 2021 *Online*

European Stroke Organisation *2021*

ESOC 2017 *Prague, Czechia*

European Stroke Organisation *2017*

Supervision and collaboration

I have supervised several peers on research projects including medical master and bachelor students as well as other health professionals.

I am also involved in a number of ongoing health research project with collaborators from Denmark, Canada, Tanzania and China.

Publications

Main author

1. Damsbo, A. G., Blauenfeldt, R. A., Andersen, G., Johnsen, S. P., & Mortensen, J. K. (2024). Trajectories of physical activity after ischaemic stroke: Exploring prediction of change. *European Journal of Neurology*, *32*(1). https://doi.org/10.1111/ene.16545
2. Damsbo, A. G., Kraglund, K. L., Buttenschøn, H. N., Johnsen, S. P., Andersen, G., & Mortensen, J. K. (2020). Predictors for wellbeing and characteristics of mental health after stroke. *Journal of Affective Disorders*, *264*, 358–364. https://doi.org/10.1016/j.jad.2019.12.032
3. Damsbo, A. G., Mortensen, J. K., Kraglund, K. L., Johnsen, S. P., Andersen, G., & Blauenfeldt, R. A. (2020). Prestroke physical activity and poststroke cognitive performance. *Cerebrovascular Diseases*, *49*(6), 632–638. https://doi.org/10.1159/000511490
4. Damsbo, A., Kraglund, K., Buttenschøn, H., Johnsen, S., Andersen, G., & Mortensen, J. (2019). Serotonergic regulation and cognition after stroke: The role of antidepressant treatment and genetic variation. *Cerebrovascular Diseases*, *47*(1–2), 72–79. https://doi.org/10.1159/000498911

Co-author

1. Vestergaard, S. B., Damsbo, A. G., Pedersen, N. L., Zachariassen, K., Drasbek, K. R., Østergaard, L., Andersen, G., Dalby, R. B., & Mortensen, J. K. (2024). Exploring vascular contributions to cognitive impairment and dementia (ENIGMA): Protocol for a prospective observational study. *BMC Neurology*, *24*(1). https://doi.org/10.1186/s12883-024-03601-7
2. Blauenfeldt, R. A., Hjort, N., Valentin, J. B., Homburg, A.-M., Modrau, B., Sandal, B. F., Gude, M. F., Hougaard, K. D., Damgaard, D., Poulsen, M., Diedrichsen, T., Schmitz, M. L., von Weitzel-Mudersbach, P., Christensen, A. A., Figlewski, K., Grove, E. L., Hreiarsd'ottir, M. K., Lassesen, H. M., Wittrock, D., … Andersen, G. (2023). Remote ischemic conditioning for acute stroke: The RESIST randomized clinical trial. *JAMA*, *330*(13), 1236. https://doi.org/10.1001/jama.2023.16893
3. Vestergaard, S. B., Damsbo, A. G., Blauenfeldt, R. A., Johnsen, S. P., Andersen, G., & Mortensen, J. K. (2023). Impact of prestroke physical activity and citalopram treatment on poststroke depressive symptoms: A secondary analysis of data from the TALOS randomised controlled trial in denmark. *BMJ Open*, *13*(3), e070822. https://doi.org/10.1136/bmjopen-2022-070822
4. Behrndtz, A. B., Damsbo, A. G., Blauenfeldt, R. A., Andersen, G., Speiser, L. O., & Simonsen, C. Z. (2022). Too risky, too large, too late, or too mild—reasons for not treating ischemic stroke patients and the related outcomes. *Frontiers in Neurology*, *13*. https://doi.org/10.3389/fneur.2022.1098779
5. Kraglund, K. L., Mortensen, J. K., Damsbo, A. G., Modrau, B., Simonsen, S. A., Iversen, H. K., Madsen, M., Grove, E. L., Johnsen, S. P., & Andersen, G. (2018). Neuroregeneration and vascular protection by citalopram in acute ischemic stroke (TALOS): A randomized controlled study. *Stroke*, *49*(11), 2568–2576. https://doi.org/10.1161/strokeaha.117.020067

Financing

Steno Diabetes Center Aarhus *Scholarship*

DKK 600.000 *2024*

Lægeforeningens Forskningsfond *Research Funding*

DKK 100.000 *2022*

Selskab for Neurologisk Forskning *Forskningsbevilling*

DKK 20.000 *2016*

Dansk Neurologisk Selskab *Research Year Fellowship*

DKK 140.000 *2015*

Data science experience

Selected *R* packages on Zenodo and CRAN

1. Damsbo, A. G. (2025). *FreesearchR: A free and open-source browser based data exploration and analysis tool for clinicians and researchers with publication ready output*. Zenodo. `https://doi.org/10.5281/ZENODO.14527429`
2. Damsbo, A. G. (2024). *Normalisation-pipeline: Normalising T1 weighted brain scans and lesions*. Zenodo. `https://doi.org/10.5281/ZENODO.10469422`
3. Egeler, P., & Damsbo, A. G. (2023). *REDCapCAST: REDCap metadata casting and castellated data handling in r*. Zenodo. `https://doi.org/10.5281/ZENODO.8013984`
4. Damsbo, A. G. (2023). *stRoke: Toolbox of custom functions for convenient data management and analysis in clinical health research and teaching in r*. Zenodo. `https://doi.org/10.5281/ZENODO.8013980`

I have completed work as a clinical data consultant in doing counselling and data management support for a number of smaller and bigger research projects. All my coding work is shared under open and public licenses, mainly on my GitHub repository (see top).

Courses

Danish Diabetes and Endocrine Academy *Copenhagen, Denmark*

Reproducible Research in R - Advanced *2023*

Aarhus University *Aarhus, Denmark*

Advanced R (PhD Course) *2022*