

# Curriculum Vitae for Ludvig Paul Muren (April 2025)

Born 1973, father of four children (born 2006, 2010, 2020 and 2024).

## *Present position*

- Professor and group leader at Aarhus University Hospital / Aarhus University (since 2012), from 2019 based at the Danish Center for Particle Therapy (DCPT)

## *Previous positions*

- Associate professor and group leader at Aarhus University Hospital / Aarhus University (2006-2012)
- Postdoc in radiotherapy physics, Haukeland University Hospital / University of Bergen, with one year stay at Edinburgh Cancer Center / University of Edinburgh (2003-2006)
- PhD student, Haukeland University Hospital / University of Bergen (1998-2002)

## *Education*

- MSc (1997), Norwegian University of Science and Technology, Trondheim, with overall grade: *outstanding*
- PhD (dr. philos; 2002), University of Bergen

## *Leadership*

- Leadership team of Department council, Dept of Clinical Medicine, Aarhus University (2024-)
- Deputy for DCPT's Head of research in local department board ('LMU') (2022-)
- Member of ESTRO's Physics Committee (2009-) and ESTRO's Scientific Council (2013-)
- Chair ESTRO Biennial Physics meeting 2013 (part of 2nd ESTRO Forum with 3500 attendants)
- Elected board member of ESTRO (2013-2016)
- Member of scientific organizing committees for the annual ESTRO conference (2007-)

## *Supervision*

- Supervised 26 PhDs, nine postdocs, and a large number of MSc/BSc projects to completion
- Currently supervising eight PhDs, two postdocs, several MSc/BSc students, and mentoring one Asst. prof

## *Research grants (selected)*

- During the last 20 years acquired funding from the Danish Cancer Society, EU FP7, Novo Nordisk Foundation, Danish Medical Research Council and Varian Medical Systems, amounting to around 60 mill DKK as PI or co-PI (corresponding to more than 30 three-year PhD/postdocs; approx. 100 man-years)
- In May 2020, received funding from the Danish Cancer Society (3 mill DKK, 2020-2022) to initiate the ongoing randomized clinical trial of proton therapy for locally advanced prostate cancer
- In January 2019, funding from Novo Nordisk Fonden to dosimetry project (14.65 mill DKK; co-PI)
- In Oct 2024, funding from Danish Medical Research Council (6.2 mill DKK)

## *Awards and honours*

- Speaker at TEDxAarhus (October 2019)
- The Young Elite Scientist Award 2009 (Danish Council for Independent Research)
- ESTRO-Varian Research Award 2002 (the young investigator/PhD award of ESTRO)
- The L. Meltzer Foundation Award 2002 (the young investigator/PhD award of the University of Bergen)

## *Scientific journal involvement (selected)*

- Founding Editor-in-Chief of Physics and Imaging in Radiation Oncology (ESTROs physics/imaging journal; since 2016), indexed in all relevant databases (ESCI, SCOPUS, PubMed), with IF of 3.4 (June 2024)
- Physics Editor in ESTROs flagship journal Radiotherapy and Oncology (2012-2019)
- Physics/radiotherapy editor in Acta Oncologica (2009-2018)
- Radiotherapy physics editor in British Journal of Radiology (2012-2015)

## *Publications and citations*

- A total of 245 publications, with 12-18 publications per year during the last ten+ years. They include 239 peer-reviewed international journal publications where one is a review paper in Lancet Oncology. In addition two book chapters (incl. a chapter in the UICC Manual of Clinical Oncology) and one patent.
- H-index: 36; total no. of citations: >4640 (Scopus, April 2025)