



CURRICULUM VITAE

Pernille Byrialsen Elming, MD, PhD
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Education

1998-2005	University of Southern Denmark. Medical School
2005	Cand. Med./MD
2012-2021	Specialist training in Clinical Oncology
2020	PhD

Research

2004	University of Southern Denmark, Department of Clinical Pathology, Research assistant for professor Henrik Daa Schroeder. Parttime job mainly in stem cell research.
2015 – 2020	Enrolled as PhD student Aarhus University at Experimental Clinical Oncology, Department of Oncology, Aarhus University Hospital, Denmark
18.06 2020	PhD, Aarhus University, Denmark. Thesis: "Tumour hypoxia and the potential of using exercise and hyperthermia for its elimination"

Publications

Ditte C. Andersen, Stine J. Petersson, Louise H. Jørgensen, Peter Bollen, **Pernille B. Jensen**, Børge Teisner, Henrik D. Schroeder and Charlotte H. Jensen. (2009) Characterization of DLK1+ Cells Emerging During Skeletal Muscle Remodelling in Response to Myositis, Myopathies, and Acute Injury. *Stem Cells*. 27:989-908 (**Impact factor = 7.747**)

Pernille B. Elming, Brita S. Sørensen, Arlene L. Oei, Nicolaas A. P. Franken, Johannes Crezee, Jens Overgaard and Michael R. Horsman. (2019) Hyperthermia: The optimal treatment to overcome radiation resistance. *Cancers*. 11(1), 60; doi:10.3390 (Impact factor = 5.326)

Simon Lønbro, Jennifer M. Wiggins, Thomas R. Wittenborn, **Pernille B. Elming**, Lori Rice, Christine Pampo, Jennifer A. Lee, Dietmar W. Siemann and Michael R. Horsman. (2019) Reliability of blood lactate as a measure of exercise intensity in different strains of mice during forced treadmill running. *PLoS One* 3;14(5):e0215584. (Impact factor = 2.740)

Pernille B. Elming, Brita S. Sørensen, Harald Spejlborg, Jens Overgaard and Michael R. Horsman. (2020) Does the combination of hyperthermia with low LET radiation induce anti-tumor effects equivalent to those seen with high LET radiation alone? Submitted to *International Journal of Hyperthermia* (Impact factor =3.980)

Michael R. Horsman, Thomas R. Wittenborn, Patricia S. Nielsen and **Pernille B. Elming**. (2020) Tumours resistant to checkpoint inhibitors can become sensitive after treatment with vascular disrupting agents. Submitted to *International Journal of Molecular Sciences* (Impact factor = 4.556)

Meeting presentations

- 2015 "KGPP94, a small-molecule cathepsin L inhibitor – has an effect on both tumour initiation and metastases formation", Tumormicroenvironment workshop, Vancouver, August 27-29. Oral presentation with abstract
- 2015 "Vascular disrupting agents", Research Day, Dept. of Oncology, Aarhus, Sept. 4. Oral presentation
- 2017 "Combining Vascular Disrupting Agents with Checkpoint Inhibitors to Improve Tumour Immunogenicity", Tumor Microenvironment Workshop, Miami Beach, FL, USA, Apr. 27-29. Oral presentation with abstract
- 2017 "Combination of Vascular Disrupting Agents and Checkpoint Inhibitors: a Method of Increasing Tumour Immunogenicity?", BiGART, Aarhus Denmark, June 13-16. Poster presentation
- 2018 Combining of Checkpoint Inhibitors with hyperthermia: a Method of Increasing Tumour Immunogenicity", PhD day, Aarhus University, Denmark. January 26. Poster presentation with abstract
- 2018 "Combining hyperthermia and checkpoint inhibitors: a method of increasing tumour immunogenicity", ESTRO, Barcelona, Spain, April 13-16. Oral presentation with abstract
- 2018 "From cold to hot: Increasing tumour immunogenicity by combining checkpoint inhibitors with hyperthermia", ESHO, Berlin, Germany, May 16-19. Oral presentation with abstract. Received: **2018 ESHO-ZMT Young Investigator Award**
- 2018 "Hyperthermia: Perfusion matters!" Hyperthermia Symposium, Amsterdam, The Netherlands, November 15-16. Invited speaker

2019

“Combining hyperthermia and/or OXi4503 with low LET radiation is equivalent to high LET radiation alone”, ESTRO 2019, Milan, April 26-30.
Oral presentation ***with abstract.***