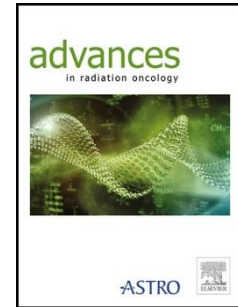


Accepted Manuscript

Title: Serum cytokine profiles and metabolic tumour burden in patients with non-small cell lung cancer undergoing palliative thoracic radiotherapy.

Author: Hanne A. Eide, Ingerid Skjei Knudtsen, Vandana Sandhu, Ayca M. Løndalen, Ann Rita Halvorsen, Azadeh Abravan, Elin H. Kure, Trond V. Bogsrud, Odd Terje Brustugun, Jon Amund Kyte, Eirik Malinen, Åslaug Helland



PII: S2452-1094(17)30239-7
DOI: <https://doi.org/10.1016/j.adro.2017.12.007>
Reference: ADRO 162

To appear in: *Advances in Radiation Oncology*

Received date: 19-12-2017
Accepted date: 20-12-2017

Please cite this article as: Hanne A. Eide, Ingerid Skjei Knudtsen, Vandana Sandhu, Ayca M. Løndalen, Ann Rita Halvorsen, Azadeh Abravan, Elin H. Kure, Trond V. Bogsrud, Odd Terje Brustugun, Jon Amund Kyte, Eirik Malinen, Åslaug Helland, Serum cytokine profiles and metabolic tumour burden in patients with non-small cell lung cancer undergoing palliative thoracic radiotherapy., *Advances in Radiation Oncology* (2018), <https://doi.org/10.1016/j.adro.2017.12.007>.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Serum cytokine profiles and metabolic tumour burden in patients with non-small cell lung cancer undergoing palliative thoracic radiotherapy.

Authors

Hanne A. Eide^{1,2}, Ingerid Skjei Knudtsen^{3,4}, Vandana Sandhu¹, Ayca M. Løndalen⁵, Ann Rita Halvorsen¹, Azadeh Abravan^{3,4}, Elin H. Kure^{1,6}, Trond V. Bogsrud^{5,7}, Odd Terje Brustugun^{1,8}, Jon Amund Kyte^{1,9}, Eirik Malinen^{3,4}, and Åslaug Helland^{1,2,10}

Affiliations

1 Department of Cancer Genetics, Institute for Cancer Research, Oslo University Hospital - The Norwegian Radium Hospital, Oslo, Norway.

2 Department of Oncology, Oslo University Hospital - The Norwegian Radium Hospital, Oslo, Norway.

3 Department of Physics, University of Oslo, Oslo, Norway.

4 Department of Medical Physics, Oslo University Hospital, Oslo, Norway.

5 Department of Radiology and Nuclear Medicine, Oslo University Hospital, Norway.

6 Department of Natural Sciences and Environmental Health, University College of Southeast Norway, Bø in Telemark, Norway.

7 Department of Nuclear Medicine and PET-Centre, Aarhus University Hospital, Aarhus, Denmark.

8 Section of Oncology, Drammen Hospital, Vestre Viken Hospital Trust, Drammen, Norway.

9 Department for Cell Therapy, Oslo University Hospital - The Norwegian Radium Hospital, Oslo, Norway.

10 Institute of Clinical Medicine, University of Oslo, Norway.

Corresponding author

Åslaug Helland

Oslo University Hospital – The Norwegian Radium Hospital, Postboks 4953 Nydalen
0424 Oslo, Norway

E-mail: ahelland@medisin.uio.no

Tel: +47 22934000

Running title: Cytokine signatures during radiotherapy

Authors responsible for statistical analyses

Hanne A. Eide. Tel: + 47 22 93 40 00. E-mail: haeid@rr-research.no

Vandana Sandhu. Tel: + 1 43 79 81 24 00. E-mail: vsandhu@uhnresearch.ca

Conflicts of interest

The authors have no conflicts of interest to disclose

Acknowledgements

The authors would like to thank Anne Fåne, Department for Cell Therapy, Oslo University Hospital, for valuable help with the multiplex bioassays and Daniel Nebdal, Department of Cancer Genetics, Institute for Cancer Research, Oslo University Hospital, for valuable help making the figures included in this paper.

Download English Version:

<https://daneshyari.com/en/article/8784859>

Download Persian Version:

<https://daneshyari.com/article/8784859>

[Daneshyari.com](https://daneshyari.com)