

Biosketch



Ragnhild A. Lothe

Born: 1958 08 23, Bergen, Norway

E-mail: rlothe@rr-research.no

Web pages: www.rr-research.no/cancerprevention/
www.cancerbiomed.net/

Dept Cancer Prevention
Institute for Cancer Research
Oslo University Hospital

and CoE Cancer Biomedicine, U of Oslo
Address: Montebello, N-0310 Oslo, Norway

Current positions

-Head of Dept. of Cancer Prevention, Institute for Cancer Research, Oslo University hospital.

The Dept is 1/7 dept.s at the research Institute with > 300 employees. It is part of a Comprehensive Cancer Centre at the Norwegian Radium hospital site which is included in the large Oslo University Hospital with > 22000 employees

-Co-director of CoE - Cancer Biomedicine, Faculty of Medicine, University (U) of Oslo.

The Centre was funded by the Norwegian Research Council as a CoE in 2007. Recently (Feb.2011) an external review board, appointed by the Research Council, gave the first period of the Centre the highest possible score "exceptionally good". The Centre includes 120 persons and 14 nationalities.

-Professor at the Faculty of Mathematics and Natural Sciences and at the Faculty of Medicine, U of Oslo.

By being associated with two Faculties integrative teaching and research is facilitated

Academic Qualifications

1981: B.Sc. - Mathematics, Biology, Chemistry, Faculty of Mathematics and Natural Sciences, U of Bergen.

1983: M.Sc. - Biology, Faculty of Mathematics and Natural Sciences, U of Oslo.

1992: Ph.D. (Dr.philos) - Medicine, Faculty of Medicine, U of Oslo.

1997: Qualified as professor.

2001- Professor at Inst of Mol Biosciences, Faculty of Mathematics and Natural Sciences, U of Oslo

2007- Professor at Faculty of Medicine, U of Oslo

1984-2007: 9 scientific courses (lasted from 1 week to 1 semester)

1993-2009: 9 management/ leadership / teaching/ science of education courses (2 days to 2 semester)

Previous positions

1984: Research assistant, Dept Biology, U of Oslo

1985: Research assistant, Dept Genetics, the Norwegian Radium Hospital

1986-91 Research fellow, PhD grant from Norwegian Cancer Society. Supervisor: Prof. Tobias Gedde-Dahl jr

1992-94 Postdoctoral grant from Norwegian Research Council.

1995-97 Senior scientist, grant from Norwegian Research Council. Group leader, Dept Genetics, the Norwegian Radium Hospital

1997-06 Permanent position as senior scientist, group leader and deputy head, Dept Genetics, the Norwegian Radium Hospital

2006- Head of Dept Cancer Prevention since establishment in May 2006, part of Institute for Cancer Research, National Hospital Health Enterprise until 2009, then part of Institute of Cancer Research, Oslo University Hospital.

Hospital assignments

Scientific advisor (20% position) in molecular diagnostics, Dept. Pathology (1993-2000), and Dept. Cancer Genetics (2001), The Norwegian Radium Hospital (NRH).

Scientific activity (cancer genetics and epigenetics, molecular -oncology and -pathology)

Published 143 original papers in international peer- reviewed journals and numerous other scientific publications. ISI web of Science, 03Sept 2010: total number of citations: 4785, incl 4040 where Lothe is 1st, 2nd or last author, h-index:36. Prime journals, IF>10: J Clin Oncol (4), JNCI (1), Gastroenterology (4). ~10 talks/seminars per ye.

Patent applications filed; int publ no:

- 2007. Markers for tumour development in the aero-digestive system. PA-200700601. PCT/EP2008/052156. Int.publ no. WO 2008/102002A2.
- 2007. Fusion gene microarray. PA-June2007: EP 07111167.8. PCT/EP2008/058272. Int.publ no. WO 2009/000912A2.
- 2008. A method for identification of RNA transcript variants. PA-2008:EP08172043.5.
- 2009. Transcript variant of SLC39A14 as cancer biomarker. EPO 09179758.9
- 2010. Biomarkers for non-invasive testing of bladder cancer. PA in progress

Research centres:

Lab is member of Centre of excellence: Cancer Biomedicine (from 2007-). Lothe is co-director and of CAST - Cancer Stem Cell Innovation Centre (from 2007-). Lothe is a P.I.

Supervision /teaching

- *Main supervisor for 9 PhDs (7 Dr. philos), 2001-2010, Faculty of Medicine, U of Oslo.
- **Co-supervisor for 2 foreign PhDs, 2005-2006, University of Porto, Portugal.
- *,**: names of candidates listed below

Ongoing: 4 PhD, main supervisor + 4 PhD, co-supervisor

Main supervisor for 11 MSc (1996-2008; 9 of 11 with top score), Faculty of Mathematics and Natural Sciences, U of Oslo, and U of Trondheim. Co-supervisor for 5MSc (2008-2010).

Supervision of 10 post docs (2002- to date).

Teacher at 12 graduate or post graduate courses in medicine and biology (1992-2004). Regular teaching in cancer biology at Bachelor level, Inst. Mol Biosciences, U of Oslo (2001-ongoing). Co-chair for new M.Sc. and PhD course in Cancer biology, U of Oslo from May 2011.

Mobility of research personell:

Guest scientist stays in Lothe lab.:17 visits, 1-5 months, 1996-2010 (visitors from DEN, FIN, France, US, Portugal)

Lab members visiting foreign labs: 8 visits, 1-12 months, 1996- 2008 (US, UK, ITA, Spain, FIN, SWE)

Awards and honors

- 1998 Research prize of The Norwegian Radium Hospital Research Foundation
- 2002 Research prize of The Institute for Cancer Research, The Norwegian Radium Hospital
- 2003 The Ragnar Mørk legacy prize
- 2007 Elected member of the Norwegian Academy of Science and Letters
- 2007 King Olav the Vth Cancer Research Prize
- 2007 Medinnova idea prize (TTO for National Hospital Enterprise)
- 2008 First runner up Medinnova idea prize

Editorial tasks (selected)

Editorial board, Int. J Cancer-Predictive Oncology (1995-2001).

“Cancer Research – an Encyclopedic Reference”, Springer Verlag, 2001, (updated new edition 2008).

Editorial board: Scientific report for Comprehensive Cancer Centre, Rikshospitalet 2005, 2006-2007.

Editor-in-Chief: Critical Reviews in Oncogenesis (www.begellhouse.com). (2006-2009)

Scientific committee assignments, evaluations etc (selected)

Ongoing tasks

Chair of the Research Council (includes evaluation of ~300 applications pr year), the Norwegian Cancer Society, appointed: 2008-2009; 2010-2011.

Member of the Commission of Forensic Medicine, appointed by the Norwegian Ministry of Justice and the Police (2006-2008; 2009-).

Chair of the Board, the Norwegian Centre of Molecular Medicine with EMBL partnership (2008-).

<http://www.ncmm.uio.no/about/board/>

Member of the Board, Oslo Cancer Cluster Norwegian Centre of Expertise (yearly elections, 2008-)
www.oslocancercluster.no

Member of the joint Research Council for Oslo University Hospital and University of Oslo (2010-)
Member of the King Olav Vth research prize committee (2009, 2010, 2011)

Ended tasks

Member of the organizers committees for four international meetings (1995-2009).
Member of the Norwegian Health Region 2 council for oncology (1997-2000).
Member of evaluation committee for "Genetic testing of hereditary cancer", appointed by the Norwegian Health Dept., (written report: 1998-99; NOU no 20).
Opponent of 8 dissertations (NOR, FIN, DEN, Portugal; 1999-2010)
Committee member/Evaluator of 5 professorship evaluations (NOR, DEN, US; 2001-2005).
Member of the Institute Council, the Norwegian Radium Hospital, (7 departments, 230 employees) (2000-2005).
Member of grant evaluation committee A: basic cancer research (~100application per year), the Norwegian Cancer Society (1996-2000).
Chairman for grant evaluation committee A: basic cancer research, the Norwegian Cancer Society (2000-2007).
Deputy chair, report committee for science and education related to fusion of the Norwegian Radium Hospital and the National Hospital (report 80pp, May 2004)
Member of the Research Council for the National Hospital Health Enterprise and the U of Oslo (2005-2006, 2007-2009).
Member of the Comprehensive Cancer Centre Advisory Board for the National Hospital Health Enterprise (2005-2007; 2008-2009).

Supervision

*Names / titles of PhDs with R.A.Lothe as main supervisor:

2001. Lin Thorstensen, Faculty of Medicine, U of Oslo. "Genetic changes in primary colorectal carcinomas and metastases" ISBN 82-7633-164-5.
2003. Rolf Inge Skotheim, Faculty of Medicine, U of Oslo. "Molecular biology of testicular germ cell tumours. New insights into a genetic developmental model" ISBN 82-8072-065-0 No92
2003. Sigrid Marie Kraggerud, Faculty of Medicine, U of Oslo."Pathogenesis of germ cel tumours of the testis and ovary" ISBN 82-8072-034-0 No.83
2003. Chieu B.Diep, Faculty of Medicine, U of Oslo."Molecular genetics of colorectal cancer. Prognostic markers and novel metastasis specific alterations" ISBN82-8072-067-7 No108
2005. Guro E. Lind, Faculty of Medicine, U of Oslo. "DNA methylation in cancer development. Lessons learned from tumors of the testis and the large bowel" ISBN:82-8072-837-6
2006. Kristine Kleivi, Faculty of Medicine, U of Oslo. "Genome and transcriptome profiles of primary and advanced colorectal carcinomas" ISBN: 82-8072-214-9
2009. Terje Cruickshank Ahlquist. Faculty of Medicine, U of Oslo. "Novel genetic and epigenetic alterations in colorectal tumors and their potential as biomarkers" ISBN: 978-82-8072-325-3
2010. Helge R Brekke. Faculty of Medicine, U of Oslo. "New insights in the biology of MPST identify novel markers for disease outcome" ISBN 978-82-8072-620-9
2010. Marianne Berg. Faculty of Medicine, U of Oslo. "Genomics of colorectal carcinomas from young and elderly patients". ISBN978-82-8264-002-2

** Names / titles of foreign PhDs with R.A.Lothe as co-supervisor:

2005. Patricia Castro. IPATIMUP, Faculty of Medicine, U of Porto, Portugal. "Molecular biology of the chromosomal instability phenotype of follicular thyroid tumours" Main supervisor: Prof. Manuel Sobrinho Simoes
2006. Franclim Ribeiro, Portuguese Oncology Institute, Faculty of Medicine, U of Porto, Portugal. "Diagnostic and prognostic value of molecular cytogenetic analyses of sextant biopsies from prostate cancer suspects"Main supervisor: Prof. Manuel R. Teixeira
2010. Vera Costa, Portuguese Oncology Institute, Faculty of Medicine, U of Porto, Portugal."Development of epigenetic based markers for molecular detection of urological cancers". Main supervisor: Dr. Carmen Jeronimo.

For reference please contact:

Professor, Ketil Tasken, MD,PhD
Director Centre for Molecular Medicine Norway
Nordic EMBL Partnership
University of Oslo
kjetil.tasken@ncmm.uio.no
Cellular phone: +47 90860759

Jonas Einarsson
Chair of the Board Oslo Cancer Cluster
CEO Radium Hospital Research Foundation
Oslo
je@radforsk.no
+47 48096355

Nomination of Professor Ragnhild A.Lothe as a Norwegian representative to the EACR council.

We sincerely believe that Prof Lothe is the best suited candidate to represent Norway in the EACR council. She has documented strong scientific merits and has been instrumental in a number of committees and board of high relevance to strategic planning of Norwegian cancer research and cancer care. From recent years we mention Chair of the Research Council of the Norwegian Cancer Society, Chair of the board of the Norwegian Centre for Molecular Medicine – an EMBL node, Board member of the Oslo Cancer Cluster, a Norwegian Centre of Expertise and member of the joint research council of the Oslo University Hospital and Oslo University, a council of importance to strategic research and health issues of these two main institutions of Norway. She has been honoured with many prestigious awards and grants. Lately, her group received a large grant from Health Region South-East for the project “Genomic medicine of colorectal cancer”. Furthermore, her group is instrumental in a CoE in Cancer Biomedicine – funded by the Research Council of Norway - 8 out of > 80 applicants across disciplines was established in 2007 and only 2 in medicine. In Feb 2011, a mid term external evaluation concluded with top score (“exceptionally good”) for the Centre.

We strongly recommend Ragnhild A.Lothe for the national network seat for Norway to the EACR council.

Oslo, 24th February 2011
Sincerely yours,

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Oslo University Hospital, and University of Oslo

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Erlend Smeland, professor
Director of research, innovation, education
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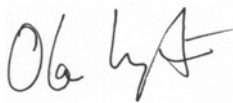
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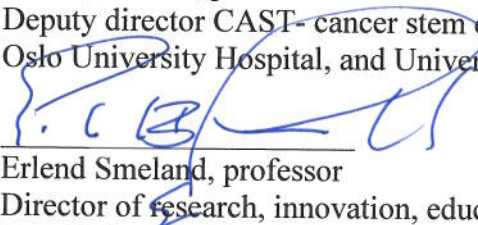
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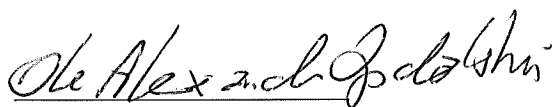
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