

CURRICULUM VITAE

Børset, Magne

Date of birth: 29.01.1958

Nationality: Norwegian

Researcher unique identifier: [Scopus Author ID: 7004270092](#)

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EDUCATION

1996	PhD Norwegian University of Science and Technology, Trondheim (NTNU), Norway
1988	MD University of Trondheim, Trondheim, Norway

CURRENT AND PREVIOUS POSITIONS

August 2017-	Tenured Professor , Department of Clinical and Molecular Medicine, Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology, Trondheim (NTNU), Norway.
January - June 2018	Visiting Professor , Yale University, School of Medicine, New Haven, CT, USA
2009-2017	Head of Department , Department of Cancer Research and Molecular Medicine, Faculty of Medicine, Norwegian University of Science and Technology, Trondheim (NTNU), Norway.
2004-2017	Consultant physician , The Department of Immunology and Transfusion Medicine, St. Olavs University Hospital, Trondheim, Norway. 100 % position 2004 – 2009, 20 % 2009 - 2017
2000-2004	Research scientist , The Norwegian Cancer Society and affiliated with The Faculty of Medicine, NTNU, Trondheim.
1997-2009	Adjunct professor 20 % position, Department of Cancer Research and Molecular Medicine, Norwegian University of Science and Technology, Trondheim.
1998-1999	Visiting research Scholar , University of Arkansas for Medical Sciences, Little Rock, AR, USA (In the lab of Dr. Ralph D. Sanderson)
1997-1998	Postdoctoral fellow , Employed by The Norwegian Cancer Society and affiliated with the Department of Cancer Research and Molecular Biology, Norwegian University of Science and Technology, Trondheim.
1991-1996	Ph.D. student , Department of Cancer Research and Molecular Biology, Norwegian University of Science and Technology, Trondheim, Norway.
1989-1990	Internship , in surgery, internal medicine and community medicine

FELLOWSHIPS AND AWARDS

2009	Elected member of The Royal Norwegian Academy of Science and Letters
1998	Dr. Alexander Malthe's legat, 1998: Best Norwegian thesis in internal medicine

MOBILITY

January - June 2018	Visiting Professor , Yale University, School of Medicine
1998-1999	Visiting research Scholar , University of Arkansas for Medical Sciences, Little Rock, AR, USA (In the lab of Dr. Ralph D. Sanderson)

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS

Supervisor of 19 PhD students.

Main supervisor of Dr. Øyvind Hjertner (Dr. Med. 2001), Dr. Torstein Baade Rø (Dr.

Med. 2006), Erming Tian (PhD 2008), Randi Utne Holt (Dr. Philos 2009), Thea Våtsveen (PhD 2009), Tobias Schmidt Slørdahl (PhD 2014), Pegah Abdollahi (PhD 2017), Samah Elsaadi (present) and Esten Vandsemb (present).

Co-supervisor of Dr. Carina Seidel (Dr. Med. 2000), Dr. Henrik Hjorth-Hansen (Dr. Med. 2001), Dr. Therese Standal (Dr. Philos 2006), Anne-Tove Brenne (Dr. Med. 2007), Unn-Merete Fagerli (PhD 2009), Håkon Hov (PhD 2009), Karin Fahl Wader (PhD 2011), Toril Holien (PhD 2012), Anders Tøndell (PhD 2015), Magnus Aassved Hjort (PhD 2018) and Rui Yang (PhD 2019),

TEACHING ACTIVITIES

1997-2018 Lecturing in the medical school at the Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology.

ORGANISATION OF SCIENTIFIC MEETINGS

2018 Member of the organizing committee for “2nd International NTNU Symposium - Current and Future Clinical Biomarkers of Cancer”, an international conference on immunotherapy and biomarkers in cancer.

COMMISSIONS OF TRUST

2015-present *Member of the program board for the Eurasia Program under The Norwegian Centre for International Cooperation in Education (SIU)*
2013-2017 *Chairman of the board for CEMIR, Center of Excellence in Molecular Inflammation Research, NTNU*
2012-2017 *Member of the board for the national node of the European bioinformatics platform ELIXIR*
2009-2012 *Member of the board for Norwegian Society of Immunology and Transfusion Medicine*

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

1988- Member of the Norwegian Medical Association
2003-2018 Member of the American Society of Hematology
2004- Member of the Norwegian Society of Immunology and Transfusion Medicine
2009- Member of the Royal Norwegian Academy of Science and Letters

RESEARCH EXPERIENCE AND INTERSTS

Basic molecular and cellular aspects of hematological cancer, with particular emphasis on the cancer disease multiple myeloma. **H-index: 33** (Scopus).

CAREER BREAKS (if applicable)

2009-2017 Head of Department of Cancer Research and Molecular Medicine, the university's largest department with close to 300 employees.
In this position I had extensive administrative duties and my scientific production in this period must be viewed in light of this. From August 2017, after having served two terms as Department Head, I became a regular tenured Professor of Medicine.

Track record

PUBLICATIONS

Total number of publications in Pubmed: 83,
15 of them published in *Blood* or *Leukemia*, the two highest ranked hematology journals.

Important selected publications from last 12 years:

Standal T, Abildgaard N, Fagerli U-M, Størdal B, Hjertner Ø, Børset M, Sundan A
HGF inhibits BMP-induced osteoblastogenesis: possible implication for the bone disease of multiple myeloma *Blood*, 109, 3024–3030, 2007
Citations in Scopus: 123

Fagerli UM, Holt RU, Holien T, Vaatsveen TK, Zhan F, Egeberg KW, Barlogie B, Waage A, Aarset H, Dai HY, Shaughnessy Jr JD, Sundan A, Børset M
Overexpression and involvement in migration by the metastasis-associated phosphatase PRL-3 in human myeloma cells. *Blood*, 111, 806-815, 2008
Citations in Scopus: 73

Holt RU, Fagerli UM, Baykov V, Rø TB, Hov H, Waage A, Sundan A, Børset M.
Hepatocyte growth factor promotes migration of human myeloma cells
Haematologica, 93: 619-22, 2008
Citations in Scopus: 39

Våtsveen TK, Tian E, Kresse SH, Meza-Zepeda LA, Gabrea A, Dai HY, Sundan A, Kuehl WM, Børset M
OH-2, a hyperdiploid myeloma cell line without an IGH translocation, has a complex translocation juxtaposing MYC near MAFB and the IGK locus
Leukemia Research, 33: 1670-1677, 2009
Citations in Scopus: 12

Fagerli UM, Ullrich K, Stühmer T, Holien T, Köchert K, Holt RU, Bruland O, Chatterjee M, Nogai H, Lenz G, Shaughnessy JD, Mathas S, Sundan A, Bargou RC, Dörken B, Børset M, Janz M
Serum/glucocorticoid-regulated kinase 1 (SGK1) is a prominent target gene of the transcriptional response to cytokines in multiple myeloma and supports the growth of myeloma cells
Oncogene, 30: 3198-206, 2011
Citations in Scopus: 39

Rø TB, Holien T, Fagerli UM, Hov H, Misund K, Waage A, Sundan A, Holt RU, Børset M
HGF and IGF-1 synergize with SDF-1 α in promoting migration of myeloma cells by cooperative activation of p21-activated kinase.
Experimental Hematology. 41: 646 – 55, 2013
Citations in Scopus: 15

Slørdahl TS, Abdollahi P, Vandsemb EN, Rampa C, Misund K, Baranowska KA, Westhlin M, Waage A, Rø TB, Børset M
The phosphatase of regenerating liver-3 (PRL-3) is important for IL-6-mediated survival of myeloma cells.
Oncotarget, 2016; 7: 27295-30
Citations in Scopus: 12

Vandsemb EN, Bertilsson H, Abdollahi P, Størkersen Ø, Våtsveen TK, Rye MB, Rø TB, Børset M, Slørdahl TS
Phosphatase of regenerating liver 3 (PRL-3) is overexpressed in human prostate cancer tissue and promotes growth and migration
Journal of Translational Medicine, 14: 71, 2016
Citations in Scopus: 6

Abdollahi P, Vandsemb EN, Hjort MA, Misund K, Holien T, Rø TB, Slørdahl TS, Børset M

Regulation of Src family kinases in myeloma cells by phosphatase of regenerating liver-3.
Molecular Cancer Research. 2017; 15: 69-77
Citations in Scopus: 9

Sponaas AM, Yang R, Rustad EH, Standal T, Thoresen AS, Dao Vo C, Waage A, Slørdahl TS, Børset M, Sundan A.

PD1 is expressed on exhausted T cells as well as virus specific memory CD8+ T cells in the bone marrow of myeloma patients.

Oncotarget. 2018, 9:32024-32035. doi: 10.18632/oncotarget.25882
Citations in Scopus: 2