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# Curriculum Vitae

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**Full Name:** Niels Behrendt  
**Nationality:** Danish  
**Date of birth:** March 30, 1956  
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**Research homepage:**

<https://www.rigshospitalet.dk/english/departments/centre-for-cancer-and-organ-diseases/finsen-laboratory/research/Pages/behrendt-group.aspx>

**ORCID id:** 0000-0003-1833-3922

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## Educational background and scientific degrees

**2004**            **D.Sc. (Danish dr.scient. degree)**  
The Faculty of Science, University of Copenhagen

**1989**            **PhD**  
The Faculty of Science, Central Institute of Molecular Biology, University of Copenhagen

**1983**            **Master's degree in Biochemistry**  
The Faculty of Science, The University of Copenhagen

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## Positions held

**2020-**            **Professor**  
5-year clinical professorship, the Faculty of Health and Medical Sciences, University of Copenhagen, Denmark

**2011-**            **Section head**  
The Finsen Laboratory, Rigshospitalet, Denmark

**2008-2011**      **Acting head of the Finsen Laboratory**  
The Finsen Laboratory, Rigshospitalet, Denmark

**1996-2011**      **Principal scientist, group leader, tenure position**  
The Finsen Laboratory, Rigshospitalet, Denmark

**1989-1996**      **Postdoc**  
The Finsen Laboratory, Rigshospitalet, Denmark  
Grants from the Danish Cancer Society

**1987-1989**      **Assistant scientist**  
The Finsen Laboratory, Rigshospitalet, Denmark

**1986-1987**      **Assistant scientist**  
The Laboratory of Tumor Virology, the Fibiger Institute, Denmark

1983-1986

**PhD stipend**

Institute of Biochemical Genetics, University of Copenhagen  
Grant from the Danish Rheumatism Association

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**Scientific focus areas**

Cancer invasion  
Targeted drug delivery  
Antibody-drug-conjugates  
Extracellular matrix and invasive growth  
Endocytic receptors  
Extracellular proteolysis  
Collagen and collagen turnover

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**Publications and patents**

(ORCID Id: 0000-0003-1833-3922)

**Scientific publications**

(See separate list)

86 articles in international peer reviewed journals.  
First-authorships: 14 (10 research papers; 4 reviews).  
Last authorships: 19 (15 research papers; 4 reviews). 1 shared.  
Corresponding authorships: 20.

1 D.Sc. thesis.  
Editor of 1 book (multiauthored).  
7 book chapters.

By April, 2020:  
h-index: 42; Total scientific citations: 7662. (ISI Web of Science)  
h-index: 47; Total scientific citations: 9241. (Google Scholar)

More than 1000 scientific citations from first-authored publications.

**Patents**

3 US patents and parallel versions issued in Europe and other countries.  
1 international patent application.

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**Oral presentation of research**

(Selected)

**Gordon Research Conferences:**

2019: Invited speaker, "Collagen", New London, New Hampshire,

2010: Invited speaker, “Plasminogen Activation & Extracellular Proteolysis”,  
Ventura, California,  
2007: Invited speaker, “Matrix Metalloproteinases”, Il Ciocco, Italy  
2006: Invited speaker and session chairman, “Plasminogen Activation &  
Extracellular Proteolysis”, Ventura, California,  
2004: Invited speaker, “Plasminogen Activation & Extracellular Proteolysis”,  
Ventura, California,

***Additional recent conferences:***

2015: Speaker, “International Proteolysis Society – General Meeting”,  
Penang, Malaysia, October  
2014: Invited speaker, “1st Matrix Biology Europe conference”, Rotterdam,  
the Netherlands, June  
2013: Invited speaker, “International Proteolysis Society – General Meeting”,  
Cape Town, South Africa, October  
2012: Invited keynote speaker, “Plasminogen Activation System in Pathology  
(PASP) Workshop”, Wollongong, Australia,

Speaker and session chairman at several additional international conferences

Talks in the Danish Biochemical Society and the Danish Biological Society.

***Elected conference co-chair*** of the Gordon Research Conference on Plasminogen Activation &  
Extracellular Proteolysis, Ventura, California, February 2008.

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## Research management

Management experience as a ***research group leader*** (since 1996), ***acting head of laboratory*** (2008-2011) and ***section head*** (since 2011). ***Completed formal course of leadership***, “Leading leaders”, organized by the Danish Capital Region (2010-2011).

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## Board memberships

- 2017 -** ***Member of Research Committee***  
The Research Committee of Copenhagen University Hospital
- 2017 -** ***Board member***  
The Danish Society for Matrix Biology
- 2016 and 2017** ***Evaluation board member***  
The Academy of Finland
- 2010** ***Evaluation of research institute***  
Member of expert committee under the French Evaluation Agency for  
Research and Higher Education

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## Peer reviewer for scientific journals

Journals including (since 2000):

Oncogene  
EMBO Journal  
The Journal of Biological Chemistry  
EMBO Reports  
Blood  
Matrix Biology  
Thrombosis and Haemostasis  
European Journal of Haematology  
European Journal of Biochemistry  
Biological Chemistry  
Journal of Biomedicine and Biotechnology  
International Journal of Cancer  
Breast Cancer Research  
Journal of Investigative Dermatology

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## Research grants

### Personal grants since 2008

Total DKK 19,627,639.

3-year grant from the **Novo Nordisk Foundation**, granted for 2020-2022, DKK 2,761,500.

2-year grant from the **Danish Cancer Society**, granted for 2020-2021, DKK 1,600,000.

Grant from the **“Fonden til Fremme af Eksperimentel cancerforskning”**, 2018, DKK 300,000.

3-year grant from the **Danish Capital Region**, granted for 2017-2019, DKK 1,168,868.

2-year grant from the **Novo Nordisk Foundation (Novo Seeds)**, granted for 2017-2018, DKK 3,500,000.

2-year grant from the **Danish Cancer Society**, granted for 2017-2018, DKK 1,400,000.

1-year grant from the **Novo Nordisk Foundation (Novo Seeds)**, granted for 2016, DKK 500,000.

Grant from the **“Fonden til Fremme af Eksperimentel cancerforskning”**, 2016, DKK 100,000.

1-year grant from the **Danish Cancer Society**, granted for 2015, DKK 351,161.

3-year grant from the **Danish Medical Research Council**, granted for 2014-2017, DKK 2,568,960.

2-year grant from the **Novo Nordisk Foundation**, granted for 2013-2014, DKK 800,000.

2-year grant from the **Lundbeck Foundation**, granted for 2013-2014, DKK 634,600.

Grant from the **“Fonden til Fremme af Eksperimentel cancerforskning”**, 2013, DKK 210,000.

1-year grant from the **Novo Nordisk Foundation**, granted for 2012, DKK 500,000.

3-year grant from the **Danish Cancer Society**, granted for 2009-2011, DKK 1,650,000.

3-year grant from the **Danish Medical Research Council**, granted for 2008-2010, DKK 1,082,550.

1-year grant from the **Danish Cancer Society**, granted for 2008, DKK 500,000.

**Grant for spin-out company:** Convertible loan from the **Novo Nordisk Foundation**, granted to ADCendo ApS (Niels Behrendt applicant) for 2019-2021, DKK 9,666,666.

**Additional grants (research equipment)** from the **Danish Cancer Research Foundation, the Novo Nordisk Foundation and the Carlsberg Foundation.**

**Shared grants** Participant in grant “Extracellular proteolytic enzymes as therapeutic targets in cancer” from the **Danish National Research Foundation** (2009-2014)  
Participant in grant “MicroEnviMet” from the **EU FP7 programme** (2008-2012)

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## Teaching, supervision and examiner function

### Function as course organizer

- 2019** Co-organizer of PhD course, “Extracellular Matrix and Proteolysis in Disease”. MoMed Graduate Programme, the University of Copenhagen. 5 ECTS points.
- 2012-2016** Co-organizer of the annual “PhD course in Tumor Biology”, the University of Copenhagen. Responsible for part of course organized by the MoMed Research School (BRIC). 7 ECTS points.
- 2011 and 2015** Co-organizer of PhD course, “Extracellular Proteolysis in Biology and Disease”. MoMed Research School, the University of Copenhagen. 4 ECTS points.

**2010 and 2011** Organizer of the “Course in Tumor Biology and Clinical Oncology”, the PhD School / Copenhagen Graduate School of Health Sciences, the University of Copenhagen.  
4.5 ECTS points.

#### Pregraduate teaching

**2019** Teaching at the “Translational Pharmacology” course for Master’s students of Biomedicine and Human Biology, the University of Copenhagen.  
1 lecture.

**2017-2019** Teaching at the “Immune defence and Cancer” course for Master’s students of Immunology and Inflammation, the University of Copenhagen.  
Each year 1 lecture.

**2008 and 2010** Teaching at the “Course in tumor biology and clinical oncology”. (Until 2010 a combined pregraduate and PhD course; organized by Copenhagen Graduate School of Health Sciences, the University of Copenhagen).  
Each year 1 lecture.

**2006** Instruction/Supervision, “Human Biology Project 1”, human biology student, the University of Copenhagen.

#### Postgraduate teaching

**2019** Teaching at the PhD course “Mechanisms of Cancer” (successor of the “Tumor Biology” course), organized by the Graduate Programme for Clinical Cancer Research, the University of Copenhagen.  
1 lecture.

**2012, 2014, 2015 and 2017-2019** Teaching at the PhD course, “Matrix Biology”, organized by the Graduate Programme in Musculoskeletal and Oral Sciences, the University of Copenhagen.  
Each year 1 lecture.

**2017** Teaching at the “Immutrain Workshop” designated “Cancer biology, clinical oncology and combination with immunotherapy”, organized by the EU Marie Curie Immutrain network, Copenhagen, October 2017.  
2 lectures.

**2012-2017** Teaching at the annual “PhD course in Tumor Biology”, organized by the MoMeD Research School and the Graduate Programme for Oncology og Haematology, the University of Copenhagen.  
Each year 2 lectures.

**2011 and 2015** Teaching at the PhD course, “Extracellular Proteolysis in Biology and Disease”, organized by the MoMeD Research School, the University of Copenhagen.  
Each year 1 lecture.

- 2011** Teaching at the “Course in tumor biology and clinical oncology”. (PhD course, organized by the PhD School / Copenhagen Graduate School of Health Sciences, the University of Copenhagen).  
1 lecture.
- 2004 and 2007** Teaching at the PhD course “Cell-Matrix Interactions, Proteolysis, and Invasion”. (Danish Research School in Molecular Cancer Research. Organized by the Faculties of Health Sciences at the Universities of Aarhus, Southern Denmark and Copenhagen, the Faculty of Science at University of Aarhus, and research laboratories at the Danish Cancer Society).  
Each year 1 lecture.
- 1997** Teaching at the course “The Haemostatic System”. (PhD course, organized by the Laboratory Center, Rigshospitalet, Copenhagen).  
1 lecture.

#### Supervision of students and postdocs

Since 1997 Supervision of Master’s students (7 completed theses) and Ph.D. students (6 completed theses) at the Finsen Laboratory, Rigshospitalet.  
Since 2002 Supervision of 8 postdocs at the Finsen Laboratory, Rigshospitalet.

#### External examination of students

Since 1991 Function as external examiner for Master’s students of biochemistry and biology at the universities of Copenhagen and Aarhus.

#### Evaluation of theses

Since 2000 Evaluation of Ph.D theses and tasks as opponent at Ph.D defense sessions.

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### **Founder of spin-out company**

- 2017** Founded biotech spin-out company “ADCendo ApS”, registered in Denmark, with 3 co-founders. Company based on innovations on targeted cancer drug delivery specified in patent application in publication list.
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