

## CV for CATHARINA LARSSON (born Lundberg) 2026

### PERSONAL DATA, EDUCATION and ACADEMIC BACKGROUND

- Born 1961; Swedish citizen; Married; Three children
- Medical Degree at KI, 1985
- Dr. Med. Sci. in clinical genetics at KI, 1989
- Docent in medical genetics at KI, 1999

### CURRENT ACADEMIC POSITION

- Professor of medical genetics at Department of Oncology-Pathology, KI, 2013-
- Research group leader with laboratory at BioClinicum, Karolinska University Hospital-Solna
- Assistant Chair of the Department of Oncology-Pathology, KI

### PREVIOUS ACADEMIC POSITIONS

at Dept. of Clinical Genetics/ Dept. of Molecular Medicine and Surgery, KI

- Research assistant, 1990-1992
- Junior Investigator Fellowship from Sw. Medical Research Council 1992-1996
- Senior Investigator Fellowship from Sw. Cancer Foundation 1996-2003
- Senior Lecturer (Universitetslektor), 2000-2001
- Professor of medical genetics (100%), 2001-2012

Research group leader since 1993, at the Center for molecular medicine CMM until 2012

### AWARDS and DISTINCTIONS

- Eric K Fernströms award for young medical researchers at Karolinska Institutet, 2005
- Elected Member of the Nobel Assembly, 2005-
- Göran Gustafsson Prize in Medicine, Sweden, 2006
- Distinguished Professor Award, KI, Sweden, 2009-14
- Elected member of Royal Swedish Academy of Science, Class for Medical Sciences, 2008- (and appointed member of the Education Committee, 2023-)
- Honorary Doctor of Medicine at Bogomolets National Medical University, Ukraine, 2017

### FOREIGN RESEARCH EXPERIENCE

- Visiting researcher period at SALK Institute San Diego (Host Glen Evans), 2 months 1988
- Visiting professor at Washington University, St Louis, 1 week in 1996
- Adjunct Position at van Andel Research Institute, Michigan, 2000-2002
- Visiting researcher at McGill Canada (Host Steven Narod), 1 month in 2002

**PHD supervision** (<https://ki.se/en/research/research-areas-centres-and-networks/research-groups/medical-genetics-catharina-larssons-group#tab-dissertations>)

#### *Main supervisor of 23 completed PhD theses at KI:*

- Catherine Phelan PhD 1997 (late, MD spec Assoc Prof Florida)
- Bin Tean Teh PhD 1997 (MD, Professor Duke-NUS Medical School, Deputy CEO Research, National Cancer Centre Singapore)
- Filip Farnebo PhD 1998 (MD spec Karolinska, Professor)
- Fangyuan Li PhD 2001 (MD, Assist Prof Baylor, now Senior Director SEMA4 USA)
- Tony Frisk PhD 2001 (MD specialist Karolinska)

- Brita Nord Forsberg PhD 2002 (Nordic Medical Lead, Rare Diseases, Chiesi Nordic)
- Weng-Onn Lui PhD 2002 (Professor KI)
- Lars Forsberg PhD 2003 (Nordic Medical Advisor Hematology/Oncology, Janssen-Cilag)
- Andrea Villablanca PhD 2003 (Medical Lead hematology at Novartis)
- Wenhui Wendy Weng PhD 2005 (Nurse, Professor National Taipei University of Technology, Taiwan)
- Jan Geli PhD 2007 (MD spec, Assist Prof University of Florida)
- C Christofer Juhlin PhD 2009 (MD spec Karolinska, Professor KI)
- Nimrod Kiss PhD 2009 (Postdoc New Zealand)
- Anastasios Sofiadis PhD 2010 (MD spec Capiro, Medical advisor oncology AbbVie)
- Stefano Caramuta PhD 2012 (Data Manager Uppsala Clinical Research Center)
- Jan Åhlén PhD 2013 (MD spec Karolinska)
- Felix Haglund PhD 2013 (MD spec Karolinska, Docent KI)
- Na Wang PhD 2015 (MD, MindRank AI)
- Adam Stenman PhD 2016 (MD spec Karolinska, Docent KI)
- Omid Fotouhi PhD 2017 (Postdoc at DKFZ)
- Fredrika Svahn PhD 2021 (MD resident Karolinska)
- Ninni Mu PhD 2021 (MD resident Karolinska)
- Yiyi Xu PhD 2025 (MD)

***Co-supervisor of 38 completed PhD theses:***

- Anna Karlbom PhD 1993 (final year) (MD spec)
- Annika Lindblom PhD 1993 (MD spec Karolinska, Professor KI)
- Eitan Friedman PhD 1993 (MD spec Professor Tel Aviv Israel)
- Jan Zedenius PhD 1995 (MD spec Karolinska, Professor KI)
- Jacob Lagercrantz PhD 1996 (MD spec Stockholm, Docent KI)
- Magnus Kjellman PhD 1999 (MD spec Karolinska, Docent KI)
- Fung-Ki Wong PhD 2000 (Dental spec, Hong Kong)
- Pan Yi PhD 2000 (final year) (MD spec Stockholm)
- Elisabeth Edström Elder PhD 2002 (MD spec Clinical Professor Sydney)
- Andrei Alimov PhD 2003 (final year) (Head of laboratory Docent, Research Center for Medical Genetics Moscow)
- Stina Aarum PhD 2003 (MD Scientific Officer European Medicines Agency EMA)
- Mattias Berglund PhD 2004 (Researcher Uppsala University)
- Petra Verga Kan (Kjellman) 2004 (MD spec Medical director Diagnostic Center Skin Sweden)
- Theodoros Foukakis PhD 2005 (MD spec Karolinska, Professor KI)
- Biying Zheng PhD 2006 (MD spec)
- Emma Flordal Thelander PhD 2007 (Senior Regional Medical Advisor Amicus Therapeutics)
- JiaJing Lee PhD 2007 (Postdoc Harvard)
- Mohsen Karimi PhD 2009 (Senior scientist, Sound Biologics Seattle)
- Luqman Sulaiman PhD 2013 (MD spec Assist Prof Hawler Medical University Irak)
- Monira Akhtar PhD 2013 (MD resident Stockholm)
- David Velazquez-Fernandez PhD 2013 (MD spec Researcher Mexico City)
- Andrii Dinets PhD 2013 (MD specialist Assoc Prof Taras Shevchenko University Kiev)
- Hong Xie PhD 2014 (Associate Prof Tianjin medical university China)
- Erik Berglund PhD 2014 (MD specialist, Docent KI)

- Pinar Akcakaya PhD 2015 (Director Therapeutic Editing at AstraZeneca)
- Deniz Özata PhD 2015 (Assist professor Stockholm University)
- Anna Kwiecinska PhD 2015 (MD specialist Karolinska)
- Limin Ma PhD PhD 2016 (Scientist at Thermo Fisher Scientific)
- Satendra Kumar PhD 2019 (Postdoc at Ludwig Maximilian University Munich)
- Robin Fröbom PhD 2019 (MD Resident, CEO Oxion Biologics)
- Patrick Scicluna PhD 2020 (end of thesis supp.by CMB, now at Karolinska Trial Alliance)
- Wen-Kuan Huang PhD 2020 (MD specialist, Assist Prof Chang Gung Memorial, Taiwan)
- Hao Shi PhD 2020 (Postdoc KI, Senior scientist Moleculent Stockholm)
- Johan Paulsson PhD 2021 (MD Resident Karolinska)
- Jiwei Gao PhD 2022 (MD specialist)
- Yaxuan Liu PhD 2022 (MD specialist)
- Samuel Hellgren PhD 2024 (MD specialist Karolinska)
- Yajie Yang PhD 2025 (MD specialist; Postdoc Umeå)

***Main supervisor of registered PhD student:***

- Karolina Solhuslökk-Höse, Research internship KI-Danderyd

***Co-supervisor of 1 registered PhD students:***

- Xiaohao Wang

***Completed supervision of 12 post-docs and 5 guest researchers among others***

- Cornelia Dotzenrath, part of “privat docent” work 1995 (Chief physician Professor Helios University Hospital Wuppertal, Bonn)
- Peter Silburn, guest researcher 1996 (Professor MD spec University of Queensland Brisbane)
- Regina Betz, 1997-98 as post-doc (MD specialist, Professor, Inst. of Medical Genetics Bonn)
- Svetlana Lagercrantz, postdoc 1997-2002 (Adjunct Prof KI, MD Responsible specialist Hereditary cancer syndromes, Karolinska)
- Bin Tean Teh, postdoc 1998-2000 (Prof. Deputy Director, National Cancer Centre Singapore)
- Junko Takagi, Japan, guest researcher 2004 (MD specialist, Professor Aichi Japan)
- Chen Zhao, postdoc 2004-06 (Prof MD specialist Tianjin China)

**OTHER QUALIFICATIONS within RESEARCH EDUCATION**

- Member/Coordinator of PhD committees at KI, Linköping, Uppsala, Göteborg, Lund, 1996-
- PhD Rapporteur Nice 1996, PhD Communicateur Lyon, PhD Examiner Oulu 1999 and Åbo 2017, and Faculty Opponent Åbo Academy 2024
- Ten times Faculty Opponent at PhD dissertations in Sweden (Uppsala, Göteborg, Linköping, KI)
- Director of postgraduate studies in medical genetics at Dept. of MMK, KI, 2002-05
- Elected teacher representative in the Committee for Doctoral Education, KI 2017-2022, and representative in the Docent Committee (Docenturnämnden) KI, 2017-19
- Chairman of Research Internship steering group (Forskar-AT), 2019-2022

**OTHER SCIENTIFIC QUALIFICATIONS**

***Selected commissions of trust***

- Member of Department management group in KI at MMK 2001-03 and at Onk-Pat, 2015-
- Member of committee for core facilities at KI 2002-04 and at Karolinska Hospital 2003

- Member of Karolinska University Hospital research and education (FoUU) committee, 2004-08
- Elected teacher representative in the Board of KI (Konsistoriet), 2005-08
- Elected teacher representative in KI Board of Research, 2008-11  
(and representative in the Recruitment Committee (Rekryteringsutskottet))
- Member of Scientific Advisory Board, Samfundet Folkhälsan, Finland, 2008-10
- Elected to the Scientific Council for Medicine and Health, Sw. Research Council, 2010-12 and 2013-15 (Member of the working group for “The future of Swedish research”)
- KI Chairman of the Research & Educational Development group at Medical unit Clinical Pathology and Cancer diagnostics, Karolinska University Hospital, 2016-
- Member of the scientific council for the Sw. Childhood Tumor Biobank, 2018-
- Elected teacher representative in the Faculty Board at KI, 2023-
- Member of Karolinska University Hospital RD&E committee, 2025-

### ***Reviewer for grants and positions***

- Acted as reviewer of university positions in Sweden (e.g. KI, Uppsala, Göteborg, Lund, Umeå) and internationally (e.g. Bergen Norway and Lausanne Switzerland)
- Participated in review panels for grants/positions by Swedish granting bodies (e.g. Sw. Cancer Society, Sw. Childhood Cancer Fund, Knut and Alice Wallenberg Foundation, Sw. Foundation for Strategic Research, Sw. Research Council)
- Participated in review panels for international granting bodies (ERC Consolidator) or as external reviewer (e.g. Imperial College, Danish Cancer Foundation, NIH, ERC)

### ***International scientific committees and consortium and Networks***

- Member of the steering committee for the EC concerted action on breast cancer 1991-96
- Member and initiator of European Consortium on MEN1 and related tumors 1995-2001
- Member and initiator of the HPT-JT consortium 1999-2004
- Member of European-American-Pheochromocytoma-Paraganglioma-Registry Study Group (lead by HP Neumann and C Eng), 2015-

### ***Past and Present Networks***

- Participating researcher in strategic research area SFO of cancer KI, 2010-16
- Member of the KI-Cancer Board 2012-17
- Coordinator of diagnosis based network in endocrine tumors under KI-cancer, ongoing
- Member of the Swedish Planning group for thyroid tumors and thyroidology, ongoing
- Member of the Swedish Planning group for endocrine abdominal tumors, ongoing
- Member of the Nordic Planning group for Merkel cell carcinoma, ongoing

### ***Patents***

- Vascular endothelial growth factor B, C Larsson share: initially 08/765,588; latest 7160991
- Cervical cancer diagnostics based on TERC, C Larsson share: US 8,409,808 B2 April 2013 approved; US 13/854,764 Applied April 1<sup>st</sup> 2013

### ***Scientific Publications***

- 405 published/accepted original papers and 46 reviews, book chapters, editorial etc
- Bibliometric parameters from Web of Science WoS (Larsson C and Lundberg C):  
Citations: Totally >22.00; 1997-2025: 500-900/ year  
H-index: 76