

## **KHALIL HELOU (CV)**

Date of birth: 6th January 1966

Department of Oncology

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## **EDUCATION**

2005-present	Associate Professor, Experimental Oncology, University of Gothenburg, Sweden
2002	Postdoc at the Genetics Branch Center for Cancer Research National Cancer Institute/NIH50 South Drive, Bethesda, USA
2001	Postdoc at the Department of Cell and Molecular Biology-Genetics, Göteborg, Sweden
2000	PhD Genetics, University of Gothenburg, Sweden "Genetic alterations in experimental tumours with special reference to Hgfr/Met oncogene amplification" (supervisor: Göran Levan)

## **WORK EXPERIENCE**

2003 – Present	Employed as researcher (100%), Department of Oncology, University of Gothenburg
2019-present	Laboratory manager Department of Oncology, University of Gothenburg
2019-present	Join Director of PhD studies at Sahlgrenska Academy (30%)
2023-present	Vice Prefect for PhD studies at the Institute of Clinical Sciences

## **SCIENTIFIC ADVISORY FUNCTIONS**

- **Expert advisor** for the employment of Johan Vallon Christersson at Lund University as Research Assistant in functional cancer genomics
- **Expert advisor** for the associate professorship in experimental oncology of Charlotte Welinder at Lund University
- **Examination board member:** more than 60 doctoral dissertations
- **Reviewer of national and international grant applications:**
  - Committee Member of the Landénska Research Scholarship assessment, committee appointed by the Medical Program
  - Committee Member of the steering group of the Lions Cancer Foundation
  - Research Board of the Radiumhemmet Research Foundation Stockholm Sweden
  - Reviewer for the Czech Science Foundation, and the Breast Cancer Now (the UK's largest breast cancer charity)
- **Opponent assignment:** PhD Naveen Ravi at Department of Laboratory Medicine, Lund Division of Clinical Genetics, Faculty of Medicine, Lund University, Lund, Sweden, 28th of November 2019

### **HONORS AND REWARDS**

- Eva Selin-grant as cancer researcher (2013)
- Swedish Cancer Society (Cancerfonden) postdoctoral fellow (2001-2003)
- Sven and Lilly Lawski graduate fellow in Genetics (1995-1997)

### **INVOLVEMENT IN SCIENTIFIC JOURNALS**

- Editorial board member of the BMC Cancer
- Editorial board member of the Biomedicines
- Reviewer for a substantial number of scientific journals

### **POSITIONS OF TRUST**

1996-1997	Member of the CMB departmental board as PhD student representative
2019-present	Co-chairman of the Council for PhD courses at Sahlgrenska academy
2020-present	Chairman of the Council for PhD Education at the institute of clinical sciences
2023-present	Vice Prefect for PhD studies at the Institute of Clinical Sciences

### **TEACHING EXPERIENCE**

Mars 13-21, 2001: Instructor, Department of Cell and Molecular Biology PhD course on “Advanced in situ Hybridization, Comparative Genome Hybridization, Fluorescence In Situ Hybridization & Live Imaging”, University of Gothenburg, Sweden.

Human Genetics (2001-2008) Invited speaker.

Radiation biology (2010-2023) Invited speaker.

PhD course (2018) Instructor and examiner: Winding your way through the genome, transcriptome, proteome of human diseases.

Academic writing, PhD course (2020-2024) Speaker and examiner.

Introduction to research, PhD course (2019-2024) Speaker.

### **SUPERVISION**

#### **Former PhD students under my supervision**

- Elin Karlsson: Novel biomarkers predicting long-term survival in breast cancer, 2009
- Szilárd Nemes: Integrative genomic and survival analysis of breast tumors 2012
- Emman Shubbar: Analysis of Novel Biomarkers for Unfavorable Breast Cancer Prognosis 2012
- Toshima Parris: High-risk breast cancer. From biology to personalized therapeutic strategies 2014
- Jana Biermann: Tumour evolution and novel biomarkers in breast cancer 2019
- Hanna Engqvist: Novel biomarkers associated with histotype and clinical outcome in early-stage ovarian carcinoma 2020

#### **Former PhD students under my co-supervision**

- Anna Danielsson, PhD 2005
- Tatjana Adamovic, PhD 2006
- Ahmad Hamta, PhD 2006
- Emil Schuler, PhD 2015
- Nils Rudqvist, PhD 2015
- Britta Langen, PhD 2015

- Johan Spetz, PhD 2017
- Viktor Sandbloms, PhD 2019
- Malin Larsson, PhD 2021
- Jenny Nyqvist. PhD 2021
- Charlotte Andersson PhD 2022
- Axel Stenmark Tullberg PhD 2022
- Arman Romiani PhD 2023
- Peter Larsson PhD 2023
- Mikael Elvborn2023

#### **Former postdocs under my supervision**

- Irina Corin 2005
- Anna Danielsson
- Toshima Parris (2016-2017)

#### **Current PhD students under my supervision**

- Lucas Werner MS
- Hugo Swensson, MS
- Luaay Aziz, MD, MB ChB
- Elisabeth Werner Rönnerman, MD

#### **Current PhD students under my co-supervision**

- Ella Ittner
- Anna Fäldt Beding
- Nishte Dello
- Anja Schroff
- Maxim Olsson
- Amalia Landén
- Amy Hardy
- Ingun Ståhl
- Hana Bakr

#### **HIGHER EDUCATIONAL PEDAGOGICAL TRAINING**

Scientific Supervisor Training at the University of Gothenburg (2 days) 2004

Introductory Course in Higher Education Pedagogy at the University of Gothenburg (one week) 2004

Conflict Management at the University of Gothenburg (one week) 2006

#### **PUBLICATIONS**

114 Peer reviewed original articles

6 manuscripts (2 under review)

#### **GRANTS (present)**

1. Khalil Helou: "A novel targeted treatment against ovarian cancer" Eurostars (Vinnova) (2020-2023) 2250000
2. Khalil Helou "Novel prognostic and predictive biomarkers for ovarian cancer treatment decisions" Swedish Cancer Society (2021-2023) 2400000
3. Khalil Helou "Novel prognostic and predictive biomarkers for ovarian cancer treatment decisions" Jk Cancer Research Foundation (2023-2024) 1600000

4. Khalil Helou "Prognostiska biomarkörer som nya behandlingsredskap mot aggressiv äggstockscancer" ALF-projektmedel (2022-2024) 1300000
5. Khalil Helou "Novel prognostic and predictive biomarkers for ovarian cancer treatment decisions" Project-linked doctoral project Sahlgrenska Academy (2023-2026) 2417000
6. Khalil Helou "Clinical significance of the Lemur Tyrosine Kinase 3 as a potential target for ovarian cancer treatment" Swedish Cancer Society (2024-2026) 3000000