

## **CURRICULUM VITAE MALIN M ERNBERG**

### **ACADEMIC EXAM**

1979 DDS, Dentistry, Faculty of Odontology, Karolinska Institutet (KI)

### **PHD**

1999 PhD (*Med dr*), Clinical Oral Sciences, KI, Huddinge, Sweden. *Title*: Significance of serotonin for pain, allodynia, and hyperalgesia in the human masseter muscle. *Supervisor*: Professor Sigvard Kopp.

### **POST DOC POSITION**

2004-2006 School of Dentistry, Aarhus University, Denmark (12 months). Professor Peter Svensson's group.

### **ASSOCIATE PROFESSOR**

2004 Clinical Oral Physiology (*Docent*), KI

### **SPECIALIST COMPETENCE**

1995 Orofacial Pain/Stomatognathic physiology (*Bettfysiologi*)

### **PRESENT POSITION**

2012 Professor in Clinical Oral Physiology and Senior Consultant (*övertandläkare*)  
Head of Division of Oral Diagnostics and Rehabilitation, Department of Dental Medicine (DentMed), KI

### **PREVIOUS POSITIONS**

1980-1995 Dentist, Private practice, Stockholm, Sweden (part time)  
1980-1984, 1990-1999 Lecturer (*amanuens/assistenttandläkare*), Clinical Oral Physiology, DentMed, KI (part time)  
1995-1999 PhD student, Clinical Oral Physiology, DentMed, KI  
2000-2000 Assistant professor (*adjunkt*), Clinical Oral Physiology, DentMed, KI  
2001-2008 Senior lecturer (*lektor*), Clinical Oral Physiology, DentMed, KI  
2009-2014 50% Clinical Researcher, Swedish Research Council, 50% Senior Consultant

### **RESEARCH SUPERVISION**

#### **PHD THESES**

2010 DDS Nikolaos Christidis, 2010-06-04. *Main supervisor*  
2011 DDS Anna Feldreich, 2011-12-16 *Co-supervisor*  
2012 DDS Eva Leksell, 2012-11-30. *Co-supervisor*  
2013 DDS Andreas Dawson, 2015-Malmö University. *Co-supervisor*  
2016 DDS Amal Al-Khotani, 2016-05-13. *Co-supervisor*  
2017 DDS Sofia Louca Jounger, 2017-06-09. *Main supervisor*  
2018 DDS Erik Lindfors, 2018-09-21. *Main supervisor*  
2019 DDS Fernando Exposto, Aarhus University, 2019-06-28. *Co-supervisor*  
2020 DDS Hajer Jasim, 2020-05-29. *Main supervisor*  
2021 DDS, MSci, Abdelrahman Alhilou, 2021-02-19. *Co-supervisor*  
2022 DDS, Emanuela Seritella, Sapienza University, Rome, 2022-03-??. *Co-supervisor*

## **POST DOC SUPERVISION**

- 2009-2010 DDS, PhD Eduardo Castrillon, University of Aarhus, Denmark. *Main supervisor*  
2015-2016 DDS, PhD Akiko Shimada, Osaka Dental University. *Main supervisor*  
2019-2020 DDS, PhD Hirokazu Tanaka, Shinshu University, Japan. *Main supervisor*  
2023- DDS, PhD Giancarlo De la Torre Canales, Portugal. *Main supervisor*

## **LICENTIATE AND MASTER THESES**

- 2004 DDS Anna Nilsson, MSci in Odontology 2004-12-10. *Main supervisor*  
2011 DDS Taraneh Rezaii, Licentiate degree 2011-01-12 *Main supervisor*  
2018 DDS Negin Balfe, MSci in Odontology 2018-01-18. *Main supervisor*  
2018 DDS Sarah Vaderlind Lanefelt, MSci in Odontology 2018-04-10. *Main supervisor*  
2020 DDS Victor Madariaga Rivera, International Master (MSci) in Innovative Medicine 2020-06-05 (Uppsala, Sweden). *Main supervisor*

## **CURRENT PHD SUPERVISION**

- 2013- DDS Malin Collin, 50%, reg 2013-04-26. *Co-supervisor (Half-time Sept 2018)*  
2018- DDS Golnaz Barjandi, 50%, reg 2018-01-24. *Main supervisor (Half-time May 2022)*  
2019- DDS, Senior Consultant Maria Erkapers, 50%, reg 2019-08-20. *Main supervisor*

## **AWARDS AND STIPENDS**

- 2001 The Swedish Dental Association's award for the best Swedish doctoral thesis in odontology  
1997, 2004 Sigrid de Verdiers Memory (Kvinnliga Tandläkareklubben). *Stipend*  
2006 The Scandinavian Association for the Study of Pain. *Young investigator travel grant*  
2011 The American Dental Society of Sweden. *Stipend*  
2012 The Henry Byron Award in Orofacial Pain

## **COMMISSION OF TRUST**

- 2008-2020 National Guidelines in Dentistry (Orofacial Pain), Expert group, National Board of Health and Welfare (20% assignment), + revision 2012 and 2019-2020  
2013-2016 President Swedish Pain Society  
2022- President European Academy for Orofacial Pain and Dysfunction

## **FINANCIAL GRANTS 2017-**

- 2017-2021 The Swedish Rheumatism Association. 600 000 SEK  
2017-2021 Swedish Dental Association. *Co-PI* (PI's Sofia Louca Jounger/Hajer Jasim, Golnaz Barjandi). 475 000 SEK  
2018-2021 CSTP, KI (Golnaz Barjandi). 1.28 milj SEK  
2019-2021 SOF-Stockholm Community Council/KI: Significance of molecular biomarkers for the pathogenesis of temporomandibular disorders myalgia. 1.35 milj SEK. *PI*  
2019 ALF-Stockholm Stockholm Community Council/KI: Tryptophan metabolism and comorbidities in chronic myalgia. 400 000 SEK. *PI*  
2020-2022 SOF-Stockholm Community Council/KI: The role of the kynurenine pathway and microbiota in chronic muscle pain. 1.28 milj SEK. *PI*  
2022-2025 NIH USA: Comprehensive Functional Phenotyping of Trigeminal Neurons Innervating Temporomandibular Joint (TMJ) Tissues in Male, Female and Aged Mice, Primates, and Humans With and Without TMJ Disorders (TMJD). 480 000 USD (~ 5 milj SEK).

## **LIST OF PUBLICATIONS**

*1997-* 132 published and accepted original papers in peer-reviewed journals, 13 review articles and book chapters.

## **REVIEW AND EDITORIAL SERVICE**

*2018-* Associate Editor Journal of Oral & Facial Pain and Headache

*Reviewer:* Numerous review commitments for various journals in pain and dental research.  
Reviewer of grant applications for the Swedish Dental Association, KI (CSTP), TUA (ALF) Umeå University, Malmö University.