

Curriculum Vitae

Personal information **Maria Bäärnhielm**

Work experience

1. Employer: Swedish Medical products Agency

Start date: September 2017

End date: present

Position: senior clinical assessor

Activities: assessment of applications of clinical trials, mainly in neurology. Assessment of applications of use of non-authorized medicines (special permissions). Safety assessor.

Country: Sweden

2. Neurology clinic

Start date: April 2018 (part time)

End date: present

Position: Neurologist

Activities: clinical work as a neurologist

Country: Sweden

3. Employer: Karolinska University Hospital

Start date: 2007

End date: 2017

Position: resident in neurology, certified neurology

Activities: clinical work in neurology

Country: Sweden

4. Employer: Huddinge University Hospital

Start date: 2003

End date: 2004

Position: junior doctor

Activities: clinical work in neurology

5. Employer: S:t Görans hospital

Start date: 2001

End date: 2003:

Position: internship

Activities: clinical work

Education and training

1. Subject: Epidemiology

Start date: March 2010

End date: October 2018

Qualification: PhD, Thesis "Vitamin D and multiple sclerosis: Epidemiological studies on environmental and genetic risk factors"

Institution: Karolinska institutet

Country: Sweden

2. Subject: Theology

Start date: 2005

End date: 2007
Qualification: bachelor in Theology
Institution: Università della Santa Croce
Country: Italy

3. Subject: Medicine
Start date: 1995
End date: 2000
Qualification: MD
Country: Sweden

Additional information

Publications

1. Al-Jashami F, Berglund M, Bergström L, Bäärnhielm M, Eriksson H, Kumlien E, Melin S, Vall V, Zelano J. Utrymme för förbättringar vid akutbesök för epilepsianfall [Audit on management of seizures in six Swedish hospitals]. *Lakartidningen*. 2020 Apr 22;117:FXFP. Swedish. PMID: 32320047.
2. Gianfrancesco MA, Stridh P, Rhead B, Shao X, Xu E, Graves JS, Chitnis T, Waldman A, Lotze T, Schreiner T, Belman A, Greenberg B, Weinstock-Guttman B, Aaen G, Tillemma JM, Hart J, Caillier S, Ness J, Harris Y, Rubin J, Candee M, Krupp L, Gorman M, Benson L, Rodriguez M, Mar S, Kahn I, Rose J, Roalstad S, Casper TC, Shen L, Quach H, Quach D, Hillert J, Bäärnhielm M, Hedstrom A, Olsson T, Kockum I, Alfredsson L, Metayer C, Schaefer C, Barcellos LF, Waubant E; Network of Pediatric Multiple Sclerosis Centers. Evidence for a causal relationship between low vitamin D, high BMI, and pediatric-onset MS. *Neurology*. 2017 Apr 25;88(17):1623-1629. doi: 10.1212/WNL.0000000000003849. Epub 2017 Mar 29. PMID: 28356466; PMCID: PMC5405763.
3. Rhead B, Bäärnhielm M, Gianfrancesco M, Mok A, Shao X, Quach H, Shen L, Schaefer C, Link J, Gyllenberg A, Hedström AK, Olsson T, Hillert J, Kockum I, Glymour MM, Alfredsson L, Barcellos LF. Mendelian randomization shows a causal effect of low vitamin D on multiple sclerosis risk. *Neurol Genet*. 2016 Sep 13;2(5):e97. doi: 10.1212/NXG.0000000000000097. PMID: 27652346; PMCID: PMC5022843.
4. Ueda P, Rafatnia F, Bäärnhielm M, Fröbom R, Korzunowicz G, Lönnerbro R, Hedström AK, Eyles D, Olsson T, Alfredsson L. Neonatal vitamin D status and risk of multiple sclerosis. *Ann Neurol*. 2014 Sep;76(3):338-46. doi: 10.1002/ana.24210. Epub 2014 Jul 10. PMID: 24985080.
5. Bäärnhielm M, Olsson T, Alfredsson L. Fatty fish intake is associated with decreased occurrence of multiple sclerosis. *Mult Scler*. 2014 May;20(6):726-32. doi: 10.1177/1352458513509508. Epub 2013 Oct 24. PMID: 24158977.
6. Bäärnhielm M, Hedström AK, Kockum I, Sundqvist E, Gustafsson SA, Hillert J, Olsson T, Alfredsson L. Sunlight is associated with decreased multiple sclerosis risk: no interaction with human leukocyte antigen-DRB1*15. *Eur J Neurol*. 2012 Jul;19(7):955-62. doi: 10.1111/j.1468-1331.2011.03650.x. Epub 2012 Jan 31. PMID: 22289117.
7. Hedström AK, Bäärnhielm M, Olsson T, Alfredsson L. Exposure to environmental tobacco smoke is associated with increased risk for multiple sclerosis. *Mult Scler*. 2011 Jul;17(7):788-93. doi: 10.1177/1352458511399610. Epub 2011 Mar 3. PMID: 21372120.
8. Hedström AK, Sundqvist E, Bäärnhielm M, Nordin N, Hillert J, Kockum I, Olsson T, Alfredsson L. Smoking and two human leukocyte antigen genes interact to increase the risk for multiple sclerosis. *Brain*. 2011 Mar;134(Pt 3):653-64. doi: 10.1093/brain/awq371. Epub 2011 Feb 8. PMID: 21303861.
9. Sundqvist E, Bäärnhielm M, Alfredsson L, Hillert J, Olsson T, Kockum I. Confirmation of association between multiple sclerosis and CYP27B1. *Eur J Hum Genet*. 2010 Dec;18(12):1349-52. doi: 10.1038/ejhg.2010.113. Epub 2010 Jul 21. PMID: 20648053; PMCID: PMC3002863.
10. Hedström AK, Bäärnhielm M, Olsson T, Alfredsson L. Tobacco smoking, but not Swedish snuff use, increases the risk of multiple sclerosis. *Neurology*. 2009 Sep 1;73(9):696-701. doi: 10.1212/WNL.0b013e3181b59c40. PMID: 19720976.
11. Lalitha MK, Bäärnhielm M, Kihlström E, Kronvall G. Epidemiological typing of *Streptococcus pneumoniae* from various sources in Sweden and India using Box A PCR fingerprinting. *APMIS*. 1999 Apr;107(4):389-94. PMID: 10230692.

Projects

Memberships

Other Relevant Information