

BIRGITTA AGERBERTH PUBLICATIONS 2014

Peer-reviewed articles

- 1: Kulkarni NN, Yi Z, Huehnken C, Agerberth B, Gudmundsson GH. Phenylbutyrate induces cathelicidin expression via the vitamin D receptor: Linkage to inflammatory and growth factor cytokines pathways. *Mol Immunol.* 2014 Oct 27;63(2):530-539. doi: 10.1016/j.molimm.2014.10.007. [Epub ahead of print] PubMed PMID: 25458314.
- 2: Bergman P, Adori C, Vas S, Kai-Larsen Y, Sarkanen T, Cederlund A, Agerberth B, Julkunen I, Horvath B, Kostyalik D, Kalmar L, Bagdy G, Huuttoniemi A, Partinen M, Hökfelt T. Narcolepsy patients have antibodies that stain distinct cell populations in rat brain and influence sleep patterns. *Proc Natl Acad Sci U S A.* 2014 Sep 2;111(35):E3735-44. doi: 10.1073/pnas.1412189111. Epub 2014 Aug 18. PubMed PMID: 25136085; PubMed Central PMCID: PMC4156690.
- 3: Kai-Larsen Y, Gudmundsson GH, Agerberth B. A review of the innate immune defence of the human foetus and newborn, with the emphasis on antimicrobial peptides. *Acta Paediatr.* 2014 Oct;103(10):1000-8. doi: 10.1111/apa.12700. Epub 2014 Jun 23. PubMed PMID: 24861898.
- 4: Wan M, Soehnlein O, Tang X, van der Does AM, Smedler E, Uhlen P, Lindbom L, Agerberth B, Haeggström JZ. Cathelicidin LL-37 induces time-resolved release of LTB4 and TXA2 by human macrophages and triggers eicosanoid generation in vivo. *FASEB J.* 2014 Aug;28(8):3456-67. doi: 10.1096/fj.14-251306. Epub 2014 Apr 15. PubMed PMID: 24736410.
- 5: van der Does AM, Kenne E, Koppelaar E, Agerberth B, Lindbom L. Vitamin D, ÇÉ and phenylbutyrate promote development of a human dendritic cell subset displaying enhanced antimicrobial properties. *J Leukoc Biol.* 2014 Jun;95(6):883-91. doi: 10.1189/jlb.1013549. Epub 2014 Feb 18. PubMed PMID: 24550524.
- 6: Wan M, van der Does AM, Tang X, Lindbom L, Agerberth B, Haeggström JZ. Antimicrobial peptide LL-37 promotes bacterial phagocytosis by human macrophages. *J Leukoc Biol.* 2014 Jun;95(6):971-81. doi: 10.1189/jlb.0513304. Epub 2014 Feb 18. PubMed PMID: 24550523.
- 7: Pannanusorn S, Ramirez-Zavala B, Lånsdorf H, Agerberth B, Morschhöuser J, Römling U. Characterization of biofilm formation and the role of BCR1 in clinical isolates of *Candida parapsilosis*. *Eukaryot Cell.* 2014 Apr;13(4):438-51. doi: 10.1128/EC.00181-13. Epub 2013 Dec 2. PubMed PMID: 24297446; PubMed Central PMCID: PMC4000102.
- 8: Cederlund A, Nylén F, Miraglia E, Bergman P, Gudmundsson GH, Agerberth B. Label-free quantitative mass spectrometry reveals novel pathways involved in LL-37 expression. *J Innate Immun.* 2014;6(3):365-76. doi: 10.1159/000355931. Epub 2013 Nov 16. PubMed PMID: 24246949.

9: Holm T, Rutishauser D, Kai-Larsen Y, Lyutvinskiy Y, Stenius F, Zubarev RA, Agerberth B, Alm J, Scheynius A. Protein biomarkers in vernix with potential to predict the development of atopic eczema in early childhood. *Allergy*. 2014 Jan;69(1):104-12. doi: 10.1111/all.12308. Epub 2013 Nov 11. PubMed PMID: 24205894.

10: Nylén F, Miraglia E, Cederlund A, Ottosson H, Strömberg R, Gudmundsson GH, Agerberth B. Boosting innate immunity: development and validation of a cell-based screening assay to identify LL-37 inducers. *Innate Immun*. 2014 May;20(4):364-76. doi: 10.1177/1753425913493338. Epub 2013 Jul 24. PubMed PMID: 23884095.