

**BIRGITTA AGERBERTH PUBLICATIONS 2015****Peer-reviewed articles**

Kulkarni NN, Yi ZQ, Huehnken C, Agerberth B, Gudmundsson GH. Phenylbutyrate induces cathelicidin expression via the vitamin D receptor: Linkage to inflammatory and growth factor cytokines pathways. *Molecular Immunology* 2015; 63: 530-539.

Mily A, Rekha RS, Kamal SMM, Arifuzzaman AM, Rahim Z, Khan L, Haq MA, Zaman K, Bergman P, Brighenti S, Gudmundsson GH, Agerberth B, Raqib R. Significant Effects of Oral Phenylbutyrate and Vitamin D3 Adjunctive Therapy in Pulmonary Tuberculosis: A Randomized Controlled Trial. *Plos One* 2015; 10.

Rekha RS, Muvva S, Wan M, Raqib R, Bergman P, Brighenti S, Gudmundsson GH, Agerberth B. Phenylbutyrate induces LL-37-dependent autophagy and intracellular killing of *Mycobacterium tuberculosis* in human macrophages. *Autophagy* 2015; 11: 1688-1699.

Sun J, Furio L, Mecheri R, van der Does AM, Lundeberg E, Saveanu L, Chen YQ, van Endert P, Agerberth B, Diana J. Pancreatic beta-Cells Limit Autoimmune Diabetes via an Immunoregulatory Antimicrobial Peptide Expressed under the Influence of the Gut Microbiota. *Immunity* 2015; 43: 304-317.