

## **Birgitta Henriques-Normark Publications 2007-2010**

**Löfling J, Vimberg V, Battig P, Henriques-Normark B.**

Cellular interactions by LPxTG-anchored pneumococcal adhesins and their streptococcal homologues  
Cell Microbiol. 2010 Dec 28

- [Link to the abstract in PubMed](#)

**Muschiol S, Boncompain G, Vromman F, Dehoux P, Normark S, Henriques-Normark B, Subtil A.**

Identification of a family of type III secreted effectors conserved in pathogenic Chlamydiae  
Infect Immun. 2010 Nov 15

- [Link to the abstract in PubMed](#)

**Henriques-Normark B, Normark S**

Commensal pathogens, with a focus on Streptococcus pneumoniae, and interactions with the human host.

Exp Cell Res. 2010 Mar 18.

- [Link to the abstract in PubMed](#)

**Kline KA, Ingersoll MA, Nielsen HV, Sakinc T, Henriques-Normark B, Gatermann S, Caparon MG, Hultgren SJ.**

Characterization of a novel murine model of Staphylococcus saprophyticus urinary tract infection reveals roles for Ssp and SdrI in virulence.

Infect Immun. 2010 Feb 22

- [Link to the abstract in PubMed](#)

**Daniels R, Mellroth P, Bernsel A, Neiers F, Normark S, von Heijne G, Henriques-Normark B.**

Disulfide bond formation and cysteine exclusion in Gram-positive bacteria

J Biol Chem. 2009 Nov 24.

- [Link to the abstract in PubMed](#)

**Neiers F, Madhurantakam C, Fälker S, Manzano C, Dessen A, Normark S, Henriques-Normark B, Achour A.**

Two crystal structures of pneumococcal pilus sortase C provide novel insights into catalysis and substrate specificity.

J Mol Biol. 2009 Oct 30;393(3):704-16

- [Link to the abstract in PubMed](#)

**Muschiol S, Normark S, Henriques-Normark B, Subtil A.**

Small molecule inhibitors of the Yersinia type III secretion system impair the development of Chlamydia after entry into host cells.

BMC Microbiol. 2009 Apr 21;9(1):75. [Epub ahead of print]

- [Link to the abstract in PubMed](#)

**Stegemann S, Dahlberg S, Kröger A, Gereke M, Bruder D, Henriques-Normark B, Gunzer M.**

Increased susceptibility for superinfection with Streptococcus pneumoniae during influenza virus infection is not caused by TLR7-mediated lymphopenia.

PLoS ONE. 2009;4(3):e4840. Epub 2009 Mar 17

- [Link to the abstract in PubMed](#)

**Henriques-Normark B, Blomberg C, Dagerhamn J, Bättig P, Normark S.**

The rise and fall of bacterial clones: Streptococcus pneumoniae.

Nat Rev Microbiol. 2008 Nov;6(11):827-37.

• [Link to the abstract in PubMed](#)

**Fälker S, Nelson A, Morfeldt E, Jonas K, Hultenby K, Ries J, Melefors Ö, Normark S, Henriques-Normark B**

Sortase-mediated assembly and surface topology of adhesive pneumococcal pili  
Mol Microb 2008 In press

**Blomberg J Dagerhamn J, Morfeldt E, Sjöström K, Normark S and Henriques-Normark B**

Pattern of accessory regions and invasive disease potential in *Streptococcus pneumoniae*  
J Infect Dis 2008 In press

**Beiter K, Wartha F, Hurwitz R, Eilers B, Normark S, Zychlinsky A, Henriques-Normark B.**

Alpha-defensins HNP 1-3 of human neutrophils efficiently kill encapsulated but not unencapsulated *Streptococcus pneumoniae*  
Infect and Immun, 2008 Aug;76(8):3710-6

**Liljeroos M, Vuolteenaho R, Rounioja S, Henriques-Normark B, Hallman M and Ojaniemi M.**

Bacterial ligand of TLR2 signals Stat activation via induction of IRF1/2 and interferon-alpha production.  
Cell Signal. 2008 Jul 2 [Epub ahead of print]

**Giefing C, Meinke AL, Hanner M, Henics T, Bui Minh D, Gelbmann D, Prustomersky S, Noiges B, Habel A, Senn BM, Schunn M, Henriques-Normark B, von Gabain A, Nagy E**

The antigenome technology allows rapid identification and validation of highly conserved vaccine candidates from pneumococcus  
J Exp Med 2008, Jan 21;205(1):117-31

**Ménard S, Förster V, Lotz M, Gütle D, Dürr C, Gallo RL, Henriques-Normark B, Andersson M, Glocker E, Hornef MW**

Developmental switch of intestinal antimicrobial peptide expression  
J Exp Med 2008 Jan 21;205(1):183-93.

**Parihar V, Danielsson-Tham ML, Andersson B, Arneborn M, Bannerman E, Bille J, Hajdu L, Helmersson S, Jacquet C, Johansson C, Löfdahl M, Möllerberg G, Peiris I, Ringberg H, Rocourt J, Tjernberg I, Ursing J, Lopez Valladares G, Henriques Normark B, Tham W.**

Characterization of Human Isolates of *Listeria monocytogenes* in Sweden 1986-2005  
Foodborne Pathogens and Disease 2008 in press.

**Lamagni TL, Darenberg J, Luca-Harari B, Siljander T, Efstratiou A, Henriques-Normark B, Vuopio-Varkila J, Bouvet A, Creti R, Ekelund K, Koliou M, Reinert RR, Stathi A, Strakova L, Ungureanu V, Schalén C, Strep-EURO study group, Jasir A**

The epidemiology of severe *Streptococcus pyogenes* disease in Europe  
J Clin Micro, 2008 Jul;46(7):2359-67

**Fernebro, J, Blomberg C, Morfeldt, E, Wolf-Watz, H, Normark, S, Henriques-Normark, B.**

The influence of in vitro fitness defects on pneumococcal ability to colonize and to cause invasive disease  
BMC Microbiol, 2008, Apr 18;8:65..

**Spindler C, Hedlund J, Jasir A, Henriques Normark B, Örtqvist Å**

Effects of a large scale introduction of the pneumococcal polysaccharide vaccine among elderly persons in Stockholm Sweden  
Vaccine 2008, Jul 3. [Epub ahead of print]

**Meyer-Hoffert U, Hornef M, Henriques Normark B, Normark S, Andersson M, Pütsep K.**

Identification of Heparin/Heparan Sulfate Interacting Protein as a major broad-spectrum antimicrobial

protein in lung and small intestine  
FASEB J 2008, Jul;22(7):2427-34

**Meyer-Hoffert U, Hornef M, Henriques-Normark B, Axelsson L-G, Midtvedt T, Pütsep K, Andersson M**

Enteric antimicrobial activity localizes to the mucus surface layer  
Gut, 2008, Jun;57(6):764-71

**Dagerhamn J, Blomberg C, Browall S, Sjöström K, Morfeldt E, Henriques-Normark B.**

Pattern of accessory genes predicts the same relatedness among strains of *Streptococcus pneumoniae* as sequencing house keeping genes: a novel approach in molecular epidemiology  
J Clin Microb 2008 Mar;46(3):863-8.

**Moschioni M, Donati C, Muzzi A, Masignani V, Censini S, Hanage WP, Bishop CJ, Reis JN, Henriques-Normark B, Covacci A, Rappuoli R, Barocchi MA**

The *Streptococcus pneumoniae* rlrA pilus islet is clonally related and associated with antimicrobial resistance.  
J Infect Dis, 2008, Mar 15;197(6):888-96.

**Karlsson D, Jansson A, Henriques Normark B, Nilsson P**

An individual-based network model to evaluate interventions for controlling pneumococcal transmission  
BMC Infect Dis. 2008 Jun 17;8:83

**Vojtek I, Pirzada AP, Henriques-Normark B Mastny M, Janapatla RP Charpentier E.**

Lysogenic transfer of Group A streptococcus superantigen gene among streptococci  
J Infect Dis 2008 Jan 15;197(2):225-34.

**Henriques-Normark B, Blomberg C, Dagerhamn J, Bättig P, and Normark S**

The rise and fall of bacterial clones: with a focus on *Streptococcus pneumoniae*.  
Nature Microbiology Reviews, 2008. In press.

**Wartha F, Henriques Normark B.**

ETosis: a novel cell death pathway.  
Science Signal. 2008 May 27;1(21):pe25.

**Hornef M, Henriques-Normark B, Normark S**

The function and biological role of Toll like receptors in infectious disease, an update.  
Current Opinion in Infectious Diseases. 2008

**Albiger A, Blomberg C, Dagerhamn J, Normark S, and Henriques Normark B.**

Pathogenicity islands in *Streptococcus pneumoniae*.  
Book chapter for a book on pathogenicity islands and horizontal DNA transfer edited by A. Schmidt. 2008

**Henriques Normark B.**

Molecular epidemiology and mechanisms of antibiotic resistance in *Streptococcus pneumoniae*  
Book chapter for a book on *Streptococcus pneumoniae* edited by R Hackenbeck. 2007

**Albiger A, Dahlberg S, Henriques Normark B, Normark S**

Role of innate immunity in host defence against bacterial infection: focus on the Toll like receptors  
J Intern Med. 2007; 261(6):511-28.

**Wartha F, Beiter K, Normark S, and Henriques-Normark B.**

Neutrophil Extracellular Traps - casting the NET over pathogenesis  
Current Opinion in Microbiology 2007; 10(1):52-6. Epub 2007 Jan 8.

- [Link to the abstract in PubMed](#)

**Nelson AL, Ries J, Bagnoli F, Dahlberg S, Rounioja S, Tschöp J, Morfeldt E, Ferlenghi I, Hilleringmann M, Holden D, Rappuoli R, Normark S, Barocchi MA, and Henriques-Normark B.**  
RrgA is a Pilus-Associated Adhesin and Virulence Factor in *S. pneumoniae*.  
Mol Micro 2007 Oct;66(2):329-40.

**Sjöström K, Blomberg C, Fernebro J, Dagerhamn J, Morfeldt E, Barocchi M, Andersson M, Browall S, Henriques F, Rappuoli R, Normark S, and Henriques-Normark B.**  
Clonal success of piliated penicillin non-susceptible pneumococci.  
Proc. Natl Acad Sci USA 2007; 104:12907-12

**Darenberg J, Luca B, Sandgren A, Schalén C, Jasir A, Norgren M, Romanus V, Norrby-Teglund A, Henriques Normark B.**  
Molecular and clinical characteristics of invasive Group A streptococcal infections in Sweden.  
Clin Inf Dis 2007; 45(4):450-8.

**Bailey L, Elofsson M, Gylfe Å, Munchiol S, Nordström P, Henriques Normark B, Sundin C, Waldenström A, Wolf Watz H, Bergström S.**  
Small molecule inhibitors reveal a role for type III secretion in the *Chlamydia pneumoniae* infection cycle.  
FEBS Lett, 2007; 581(4): 587-95.

**Wartha, F, Beiter K, Albiger B, Fernero, J, Zychlinsky A, Normark S, Henriques-Normark B.**  
Capsule and D-alanylated lipoteichoic acids protect *Streptococcus pneumoniae* against Neutrophil Extracellular Traps  
Cell Micro 2007; 9:1162-71  
[• Link to the abstract in PubMed](#)

**Neal S, Beall B, Ekelund K, Henriques-Normark B, Jasir A, Johanson D, Kaplan E, Lovgren M, Reinert R, Members of the Strep-EURO study group and international streptococcal reference laboratories and Efstratiou A.**  
International quality assurance study for the characterization of *Streptococcus pyogenes*.  
J Clin Microb, 2007; 45(4):1175-9  
[• Link to the abstract in PubMed](#)

**Albiger B, Dahlberg S, Sandgren A, Wartha F, BeiterK, Katsuragi H, Akira S, Normark S, and Henriques-Normark B**  
Toll-like Receptor 9 Acts at an Early Stage in Host Defence Against Pneumococcal Infection  
Cell Micro. 2007, 9(3): 633-44  
[• Link to the abstract in PubMed](#)