

## **Martin Rottenberg and Hans Wigzell Group Publications 2004-2009**

**Amin DN, Rottenberg ME, Thomsen AR, Mumba D, Fenger C, Kristensson K, Büscher P, Finsen B, Masocha W.**

Expression and role of CXCL10 during the encephalitic stage of experimental and clinical African trypanosomiasis.

J Infect Dis. 2009 Nov 15;200(10):1556-65.

[Link to the abstract in PubMed](#)

**Heuts F, Carow B, Wigzell H, Rottenberg ME.**

Use of non-invasive bioluminescent imaging to assess mycobacterial dissemination in mice, treatment with bactericidal drugs and protective immunity.

Microbes Infect. 2009 Dec;11(14-15):1114-21

[Link to the abstract in PubMed](#)

**Vodnala SK, Ferella M, Lundén-Miguel H, Betha E, van Reet N, Amin DN, Oberg B, Andersson B, Kristensson K, Wigzell H, Rottenberg ME.**

Preclinical assessment of the treatment of second-stage african trypanosomiasis with cordycepin and deoxycoformycin.

PLoS Negl Trop Dis. 2009 Aug 4;3(8):e495.

[Link to the abstract in PubMed](#)

**Claes F, Vodnala SK, van Reet N, Boucher N, Lunden-Miguel H, Baltz T, Goddeeris BM, Büscher P, Rottenberg ME.**

Bioluminescent Imaging of Trypanosoma brucei Shows Preferential Testis Dissemination Which May Hamper Drug Efficacy in Sleeping Sickness.

PLoS Negl Trop Dis. 2009 Jul 21;3(7):e486.

[Link to the abstract in PubMed](#)

**Mosa A, Trumstedt C, Eriksson E, Soehnlein O, Heuts F, Janik K, Klos A, Dittrich-Breiholz O, Kracht M, Hidmark A, Wigzell H, Rottenberg ME.**

Non-hematopoietic cells control the outcome of infection with Listeria monocytogenes in a NOD1-dependent manner.

Infect Immun. 2009 Jul;77(7):2908-18.

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### **2008**

**Shastry A, Sedimbi SK, Rajalingam R, Nikitina-Zake L, Rumba I, Wigzell H, Sanjeevi CB.**

Combination of KIR 2DL2 and HLA-C1 (Asn 80) confers susceptibility to type 1 diabetes in Latvians.

Int J Immunogenet. 2008 Dec;35(6):439-46.

[Link to the abstract in PubMed](#)

**Masocha W, Amin DN, Kristensson K, Rottenberg ME.**

Differential invasion of Trypanosoma brucei brucei and lymphocytes into the brain of C57BL/6 and 129Sv/Ev mice.

Scand J Immunol. 2008 Nov;68(5):484-91.

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**Soehnlein O, Zerneck A, Eriksson EE, Rothfuchs AG, Pham CT, Herwald H, Bidzhekov K, Rottenberg ME, Weber C, Lindbom L.**

Neutrophil secretion products pave the way for inflammatory monocytes.  
Blood. 2008 Aug 15;112(4):1461-71

[Link to the abstract in PubMed](#)

**Amin DN, Masocha W, Ngan'dwe K, Rottenberg M, Kristensson K.**

Suramin and minocycline treatment of experimental African trypanosomiasis at an early stage of parasite brain invasion.  
Acta Trop. 2008 Apr;106(1):72-4.

[Link to the abstract in PubMed](#)

**Yang T, Stark P, Janik K, Wigzell H, Rottenberg ME.**

SOCS-1 protects against Chlamydia pneumoniae-induced lethal inflammation but hampers effective bacterial clearance.  
J Immunol. 2008 Mar 15;180(6):4040-9.

[Link to the abstract in PubMed](#)

**Fang F, Ye W, Fall K, Lekander M, Wigzell H, Sparén P, Adami HO, Valdimarsdóttir U.**

Loss of a child and the risk of amyotrophic lateral sclerosis.  
Am J Epidemiol. 2008 Jan 15;167(2):203-10. Epub 2007 Oct 17.

[Link to the abstract in PubMed](#)

## 2007

**Wigzell H.**

Science & Politics: when ministers are well primed.  
Nature. 2007 Oct 11;449(7163):663.

[Link to the abstract in PubMed](#)

**Masocha W, Rottenberg ME, Kristensson K.**

Migration of African trypanosomes across the blood-brain barrier.  
Physiol Behav. 2007 Sep 10;92(1-2):110-4.

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**Dons L, Jin Y, Kristensson K, Rottenberg ME.**

Axonal transport of Listeria monocytogenes and nerve-cell-induced bacterial killing.  
J Neurosci Res. 2007 Sep;85(12):2529-37.

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**Trumstedt C, Eriksson E, Lundberg AM, Yang TB, Yan ZQ, Wigzell H, Rottenberg ME.**

Role of IRAK4 and IRF3 in the control of intracellular infection with Chlamydia pneumoniae.  
J Leukoc Biol. 2007 Jun;81(6):1591-8.

[Link to the abstract in PubMed](#)

2006

**Klingström J, Akerström S, Hardestam J, Stoltz M, Simon M, Falk KI, Mirazimi A, Rottenberg M, Lundkvist A.**

Nitric oxide and peroxyxynitrite have different antiviral effects against hantavirus replication and free mature virions.

Eur J Immunol. 2006 Oct;36(10):2649-57.

[Link to the abstract in PubMed](#)

**Kordasti S, Istrate C, Banasaz M, Rottenberg M, Sjövall H, Lundgren O, Svensson L.**

Rotavirus infection is not associated with small intestinal fluid secretion in the adult mouse.

J Virol. 2006 Nov;80(22):11355-61.

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**Rodríguez-Díaz J, Banasaz M, Istrate C, Buesa J, Lundgren O, Espinoza F, Sundqvist T, Rottenberg M, Svensson L.**

Role of nitric oxide during rotavirus infection.

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**Rothfuchs AG, Trumstedt C, Mattei F, Schiavoni G, Hidmark A, Wigzell H, Rottenberg ME.**

STAT1 regulates IFN-alpha beta- and IFN-gamma-dependent control of infection with Chlamydia pneumoniae by nonhemopoietic cells.

J Immunol. 2006 Jun 1;176(11):6982-90.

[Link to the abstract in PubMed](#)

**Edfeldt K, Agerberth B, Rottenberg ME, Gudmundsson GH, Wang XB, Mandal K, Xu Q, Yan ZQ.**

Involvement of the antimicrobial peptide LL-37 in human atherosclerosis.

Arterioscler Thromb Vasc Biol. 2006 Jul;26(7):1551-7.

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**Masocha W, Rottenberg ME, Kristensson K.**

Minocycline impedes African trypanosome invasion of the brain in a murine model.

Antimicrob Agents Chemother. 2006 May;50(5):1798-804.

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**Rodríguez A, Rottenberg M, Tjärnlund A, Fernández C.**

Immunoglobulin A and CD8 T-cell mucosal immune defenses protect against intranasal infection with Chlamydia pneumoniae.

Scand J Immunol. 2006 Mar;63(3):177-83.

[Link to the abstract in PubMed](#)

## 2005

**Rottenberg ME, Masocha W, Ferella M, Petitto-Assis F, Goto H, Kristensson K, McCaffrey R, Wigzell H.**

Treatment of African trypanosomiasis with cordycepin and adenosine deaminase inhibitors in a mouse model.

J Infect Dis. 2005 Nov 1;192(9):1658-65.

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**Wigzell H.**

A European CDC?

Science. 2005 Mar 18;307(5716):1691.

[Link to the abstract in PubMed](#)

## 2004

**Jin Y, Lundkvist G, Dons L, Kristensson K, Rottenberg ME.**

Interferon-gamma mediates neuronal killing of intracellular bacteria.

Scand J Immunol. 2004 Nov;60(5):437-48.

[Link to the abstract in PubMed](#)

**Masocha W, Robertson B, Rottenberg ME, Mhlanga J, Sorokin L, Kristensson K.**

Cerebral vessel laminins and IFN-gamma define Trypanosoma brucei brucei penetration of the blood-brain barrier.

J Clin Invest. 2004 Sep;114(5):689-94.

[Link to the abstract in PubMed](#)

**Hedlund-Treutiger I, Elinder G, Wigzell H, Grunewald J, Wahlström J.**

T cell receptor V gene usage by CD4+ and CD8+ peripheral blood T lymphocytes in immune thrombocytopenic purpura.

Acta Paediatr. 2004 May;93(5):633-7.

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**Dons L, Eriksson E, Jin Y, Rottenberg ME, Kristensson K, Larsen CN, Bresciani J, Olsen JE.**

Role of flagellin and the two-component CheA/CheY system of Listeria monocytogenes in host cell invasion and virulence.

Infect Immun. 2004 Jun;72(6):3237-44.

[Link to the abstract in PubMed](#)

**Rothfuchs AG, Trumstedt C, Wigzell H, Rottenberg ME.**

Intracellular bacterial infection-induced IFN-gamma is critically but not solely dependent on Toll-like receptor 4-myeloid differentiation factor 88-IFN-alpha beta-STAT1 signaling.

J Immunol. 2004 May 15;172(10):6345-53.

[Link to the abstract in PubMed](#)

**Esin S, Batoni G, Pardini M, Favilli F, Bottai D, Maisetta G, Florio W, Vanacore R, Wigzell H, Campa M.**

Functional characterization of human natural killer cells responding to Mycobacterium bovis bacille Calmette-Guérin. Immunology. 2004 May;112(1):143-52.

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**Rothfuchs AG, Kreuger MR, Wigzell H, Rottenberg ME.**

Macrophages, CD4+ or CD8+ cells are each sufficient for protection against Chlamydia pneumoniae infection through their ability to secrete IFN-gamma.

J Immunol. 2004 Feb 15;172(4):2407-15.

[Link to the abstract in PubMed](#)