

Physiologie animale - DBM

Brevets

Oberdan Leo (BE); Thibaut De Smedt (CH) et al

[new method for the treatment of inflammatory diseases](#)

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Leo, Oberdan; Galli, Mara; Van Gool, Frédéric; Flamand, Véronique; Loi, Patrizia; De Smedt, Thibaut
New method for the treatment of ischemia-reperfusion injury
International application number: PCT/EP2009/O52572

Publications

Dendritic cells

Muriel Moser

In "Fundamental Immunology" edited by William Paul, Sixth Edition, Lippincott Williams and Wilkins, Philadelphia, USA, 2008

Injection of Lipopolysaccharide induces the migration of splenic neutrophils to the T cell area of the white pulp: role of CD14 and CXC chemokines

Nicolas Kesteman, Georgette Vansanten, Bernard Pajak, Sanna M. Goyert and Muriel Moser
Journal of Leukocyte Biology, 83: 640-7, 2008

Nicotinamide phosphoribosyl transferase/pre-B cell colony-enhancing factor/visfatin is required for lymphocyte development and cellular resistance to genotoxic stress.

Rongvaux A, Galli M, Denanglaire S, Van Gool F, Drèze PL, Szpirer C, Bureau F, Andris F, **Leo O.**
J Immunol. 181 (2008), 4685-4695.

Dendritic cells genetically engineered to express IL-10 induce long-lasting antigen-specific tolerance in experimental asthma"

Emmanuelle Henry , Christophe Desmet , Virginie Garzé , Laurence Fiévez , Denis Bedoret , Carlo Heirman , Pedro Faisca , Fabrice Jaspar , Philippe Gosset , Alain Jacquet, Daniel Desmecht , Kris Thielemans , Pierre Lekeux , Muriel Moser, Fabrice Bureau
J. Immunol. 2008, 181(10):7230-42.

Are dendritic cells central to regulatory T cell function?

Coquerelle C, Moser M.
Immunol Lett. 119 (2008), 12-16.

Normal development and function of dendritic cells in mice lackingIDO-1 expression

de Faudeur G, de Trez C, Muraille E, Leo O.

Immunol Lett. 118 (2008), 21-29.

Pharmacological inhibition of nicotinamide phosphoribosyltransferase/visfatin enzymatic activity identifies a new inflammatory pathway linked to NAD.

Busso N, Karababa M, Nobile M, Rolaz A, Van Gool F, Galli M, **Leo O**, So A, De Smedt T. PLoS One 3 (2008), 2267.

AMP-activated protein kinase regulates lymphocyte responses to metabolic stress but is largely dispensable for immune cell development and function. A.Mayer, S. Denanglaire, B. Viollet, O. Leo and F. Andris 2008 Eur J Immunol 38: 948-956.

Interleukin-6/STAT3 signaling regulates the ability of naive T cells to acquire B-cell help capacities Eddahri F, Denanglaire S, Bureau F, Spolski R, Leonard WJ, **Leo O, Andris F.** Blood 113 (2009), 2426-2433

IL-10 dampens TNF/iNOS-producing dendritic cell mediated pathogenicity during parasitic infection Martin Guilliams, Kiavash Movahedi, Tom Bosschaerts, Thierry VandenDriessche, Marinee Kim Chuah, Michel Hérin, Muriel Moser, Bart Lambrecht, Jo Van Ginderachter, Lea Brys, Patrick De Baetselier and Alain Beschin. J. Immunol., 182(2):1107-18, 2009

Intracellular NAD levels regulate tumor necrosis factor protein synthesis in a sirtuin-dependent manner.

Van Gool F, Gallí M, Gueydan C, Kruys V, Prevot PP, Bedalov A, Mostoslavsky R, Alt FW, De Smedt T, Leo O. Nat Med. 15 (2009), 206-210

A new inflammatory pathway linked to NAD.

Van Gool F, Galli M, Rongvaux A, Andris F, Leo O. Med Sci 2009 25:551-3.

Anti-CTLA-4 treatment induces IL-10-producing ICOS+ regulatory T cells displaying IDO-dependent anti-inflammatory properties in a mouse model of colitis.

Coquerelle C, Oldenhove G, Acolty V, Denoëud J, Vansanten G, Verdebout JM, Mellor A, Bluestone JA, Moser M. Gut (2009), in press

A crucial role for lung interstitial macrophages in preventing airway allergy

D. Bedoret, H. Wallemacq, T. Marichal, C. Desmet, F. Quesada Calvo, E. Henry, B. Dewals, C. Thielen, P. Gustin, L.de Leval, N. van Rooijen, A. Le Moine, A. Vanderplasschen, D. Cataldo, P.-V. Drion, M. Moser, P. Lekeux and F. Bureau J. Clinical Investigation. Accepted

DC subsets in the positive and negative regulation of immunity

Caroline Coquerelle et Muriel Moser
Immunological Reviews