

Dendritic Cells / Antigen-presenting Cells

(selection of key papers only)

Update of May 16, 2009

- 1 Röber R-A, Gieseler RKH, Osborn M, Weber K, Peters JH. Induction of nuclear lamins A/C in macrophages in *in vitro* cultures of rat bone marrow precursor cells and human blood monocytes, and in macrophages elicited *in vivo* by thioglycollate stimulation. *Exp Cell Res* 1990;**190**: 185–94.
- 2 Gieseler RKH, Röber R-A, Kuhn R, Weber K, Osborn M, Peters JH. Dendritic cells derived from rat bone marrow precursors under chemically defined conditions *in vitro* belong to the myeloid lineage. *Eur J Cell Biol* 1991;**54**:171–81.
- 3 Peters JH, Xu H, Ruppert J, Ostermeier D, Friedrichs D, Gieseler RKH. Signals required for differentiating dendritic cells from human monocytes *in vitro*. *Adv Exp Med Biol* 1993; **329**:275–80.
- 4 Peters JH, Gieseler R, Thiele B, Steinbach F. Dendritic cells: from ontogenetic orphans to myelomonocytic descendants. *Immunol Today* 1996;**17**:273–8.
- 5 Gieseler R, Hoffmann PR, Kuhn R, Fayyazi A, Stojanović T, Schlemminger R, Peters JH. Enrichment and characterization of dendritic cells from rat renal mesangium. *Scand J Immunol* 1997;**46**:587–96. [Erratum published in *Scand J Immunol* 1997;**47**:521.]
- 6 Soruri A, Fayyazi A, Gieseler R, Schlott T, Rüniger T, Neumann C, Peters JH. Specific autologous anti-melanoma T cell response *in-vitro* using monocyte-derived dendritic cells. *Immunobiology* 1998;**198**:527–38.
- 7 Gieseler R, Heise D, Soruri A, Schwartz P, Peters JH. In-vitro differentiation of mature dendritic cells from human blood monocytes. *Develop Immunol* 1998;**6**:25–39.
- 8 Quadbeck B, Eckstein A, Tews S, Walz M, Hoermann R, Mann K, Gieseler R. Maturation of thyroidal dendritic cells in Graves' disease. *Scand J Immunol* 2002; **55**:612–20.
- 9 Gieseler RK, Marquitan G, Hahn MJ, Perdon LA, Driessen WH, Sullivan SM, Scolari MJ. Frontlines: DC-SIGN-specific liposomal targeting and selective intracellular compound delivery to human myeloid dendritic cells: implications for HIV disease. *Scand J Immunol* 2004;**59**:415–24.
- 10 Eckstein AK, Quadbeck B, Tews S, Mann K, Krüger C, Mohr CH, Steuhl K-P, Esser J, Gieseler RK. Thyroid-associated ophthalmopathy: evidence for CD4+ $\gamma\delta$ T cells; *de-novo* differentiation of RFD7+ macrophages, but not of RFD1+ dendritic cells; and loss of $\gamma\delta$ and $\alpha\beta$ T cell receptor expression. *Br J Ophthalmol* 2004;**88**:804–9.
- 11 Quadbeck B, Stucke M, Eckstein AK, Heise D, Mann K, Gieseler RK. Dysregulation of TNF/TNFR superfamily members: a systemic link between intra- and extrathyroidal manifestations in Graves' disease. *Scand J Immunol* 2006;**64**:523–30.