



**Arthur Melms**

**Contact**

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## Publications (5)

Neidert M, Dietrich P, Herold-Mende C, Rammensee H, Honegger J, Melms A, Christ L, Trautwein N, Trautwein C, Schoor O, Stevanovic S. Natural HLA class I ligands from glioblastoma: extending the options for immunotherapy. *J Neurooncol* 2012; 111:285-94.

Rückrich T, Driessen C, Reich M, Melms A, Beck A, Wiederanders B, Schilling K, Stevanovic S, Müller M, Cansier A, Brandenburg J, Kalbacher H. Specificity of human cathepsin S determined by processing of peptide substrates and MHC class II-associated invariant chain. *Biol Chem* 2006; 387:1503-11.

Burster T, Kalbacher H, Stevanovic S, Lehmann R, Melms A, Wiendl H, Schwarz G, Brandenburg J, Reich M, Lautwein A, Falk K, Rotzschke O, Marin-Esteban V, Tolosa E, Beck A, Driessen C. Cathepsin G, and not the asparagine-specific endoprotease, controls the processing of myelin basic protein in lysosomes from human B lymphocytes. *Journal of immunology (Baltimore, Md. : 1950)* 2004; 172:5495-503.

Tolosa E, Melms A, Kurek R, Stevanovic S, Weber E, Schnorrer P, Driessen C, Lautwein A, Denzin L, Wienhold W, Yasuda Y, Li W, Bromme D. Cathepsin V is involved in the degradation of invariant chain in human thymus and is overexpressed in myasthenia gravis. *The Journal of clinical investigation* 2003; 112:517-26.

Wiendl H, Tolosa E, Melms A, Lochmüller H, Overkleeft H, Weber E, Morgalla M, Wienhold W, Erfurth S, Krause S, Mitsdörffer M, Lautwein A, Driessen C. Antigen processing and presentation in human muscle: cathepsin S is critical for MHC class II expression and upregulated in inflammatory myopathies. *Journal of neuroimmunology* 2003; 138:132-43.

## Projects (0)

No results found.

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