

Abteilung "Biochemie II"

Journalbeiträge

1. Cromphout K, Vleugels W, Heykants L, Schollen E, Keldermans L, Sciot R, D'Hooge R, De Deyn PP, von Figura K, Hartmann D, Körner C, Matthijs G (2006) The normal phenotype of Pmm1-deficient mice suggests that Pmm1 is not essential for normal mouse development. *MOL CELL BIOL*, 26(15): 5621-35.
2. Deuschl F, Kollmann K, von Figura K, Lübke T (2006) Molecular characterization of the hypothetical 66.3-kDa protein in mouse: lysosomal targeting, glycosylation, processing and tissue distribution. *FEBS LETT*, 580(24): 5747-52.
3. Koduru S, Vegiraju SR, Nadimpalli SK, von Figura K, Pohlmann R, Dennes A (2006) The early vertebrate *Danio rerio* Mr 46000 mannose-6-phosphate receptor: biochemical and functional characterisation. *DEV GENES EVOL*, 216(3): 133-43.
4. Körner C, von Figura K (2006) Multisystemische Erkrankungen im Kindesalter durch erbliche Defekte der Glykoproteinbiosynthese (Inherited disorders of glycoprotein biosynthesis. *Deutsches Ärzteblatt*, 103(46): A-3101 / B-2699 / C-2589.
5. Krick R, Tolstrup J, Appelles A, Henke S, Thumm M (2006) The relevance of the phosphatidylinositolphosphat-binding motif FRRGT of Atg18 and Atg21 for the Cvt pathway and autophagy. *FEBS LETT*, 580(19): 4632-8.
6. Lamanna WC, Baldwin RJ, Padva M, Kalus I, Ten Dam G, van Kuppevelt TH, Gallagher JT, von Figura K, Dierks T, Merry CL (2006) Heparan sulfate 6-O-endosulfatases: discrete in vivo activities and functional cooperativity. *BIOCHEM J*, 400(1): 63-73.
7. Landgrebe J, Bretz F, Brunner E (2006) Efficient design and analysis of two colour factorial microarray experiments. *COMPUT STAT DATA AN*, 50(2): 499-517.
8. Prick T, Thumm M, Häussinger D, Vom Dahl S (2006) Deletion of HOG1 leads to Osmosensitivity in starvation-induced, but not rapamycin-dependent Atg8 degradation and proteolysis: further evidence for different regulatory mechanisms in yeast autophagy. *Autophagy*, 2(3): 241-3.
9. Prick T, Thumm M, Köhler K, Häussinger D, vom Dahl S. (2006) Osmosensitivity of autophagy in yeast is mediated by Hog1. *BIOCHEM J*, 394 (1): 153-161.
10. Roeser D, Preusser-Kunze A, Schmidt B, Gasow K, Wittmann JG, Dierks T, von Figura K, Rudolph MG (2006) A general binding mechanism for all human sulfatases by the formylglycine-generating enzyme. *P NATL ACAD SCI USA*, 103(1): 81-6.
11. Stypmann J, Janssen PM, Prestle J, Engelen MA, Kögler H, Lüllmann-Rauch R, Eckardt L, von Figura K, Landgrebe J, Mleczko A, Saftig P (2006) LAMP-2 deficient mice show depressed cardiac contractile function without significant changes in calcium handling. *BASIC RES CARDIOL*, 101(4): 281-91.
12. Thiel C, Lübke T, Matthijs G, von Figura K, Körner C (2006) Targeted disruption of the mouse phosphomannomutase 2 gene causes early embryonic lethality. *MOL CELL BIOL*, 26(15): 5615-20.

Medizinische Dissertationen

1. Chapuy B, Dr. med., Analyse der putativen AP-3-Funktion für die Vesikelbildung am Trans-Golgi-Netzwerk. Dissertation Universität Göttingen 2006.

Naturwiss. u.a. nichtmed. Diss.

1. Gande S L, Dr. rer. nat., Mechanism of pFGE and FGE Retention in Endoplasmic Reticulum. Dissertation Universität Göttingen 2006.
2. Hellbusch CH, Dr. rer. nat., Ein Knockout-Mausmodell für Congenital Disorder of Glycosylation-IIc: Defizienz des Golgi-GDP-Fucose-Transportes. Dissertation Universität Göttingen 2006.
3. Mleczko A, Dr. rer. nat., A novel pathway for VLDL assembly in the mouse liver. Dissertation Universität Göttingen 2006.
4. Radhakrishnan K, Dr. rer. nat., Studies on AP-1 Sorting Function and Regulation of Membrane Binding. Dissertation Universität Göttingen 2006.

Diplomarbeiten

1. Hönnemann J, Dipl.-Biol., Äutophagocytose in der Hefe *Saccharomyces cerevisiae*: Untersuchung zur Topologie von Atg15 und Identifikation neuer Interaktionspartner. Diplomarbeit Universität Göttingen 2006.