

## Freitag 6. März

### **KUNSTHALLE KONGRESSHALLE**

**15.00-16.00**

#### **Diabetes, Obesity and Lipid Metabolism**

Vorsitz:

- PS2-01-1 The enteroinsular axis in type 2 diabetes mellitus (T2DM): The role of GLP-1 and non-GLP-1 incretins  
Derani A.<sup>1</sup>, Carneiro L.<sup>1</sup>, Nicolaus M.<sup>1</sup>, Wörle J.<sup>1</sup>, Göke B.<sup>1</sup>, Schirra J.<sup>1</sup>, <sup>1</sup>München
- PS2-01-2 Influence of a long term weight management program on lipid status of obese patients  
Hauenschild A.<sup>1</sup>, Liebchen A.<sup>1</sup>, Busse I.<sup>1</sup>, Hardt P.<sup>1</sup>, Bretzel R.G.<sup>1</sup>, <sup>1</sup>Gießen
- PS2-01-3 Propionate infusion differentially effects the mRNA expression of a putative nicotinic acid receptor GPR109A in subcutaneous and perirenal adipose tissue of goats  
Mielenz M.<sup>1</sup>, Seybold C.<sup>1</sup>, Sauerwein H.<sup>1</sup>, <sup>1</sup>Bonn
- PS2-01-4 Evaluation of metabolic and cardiovascular risk in obesity WHO III<sup>o</sup>  
Lammert A.<sup>1</sup>, Imhof I.<sup>1</sup>, Schnülle P.<sup>1</sup>, Stübler P.<sup>1</sup>, Hasenberg T.<sup>1</sup>, Shang E.<sup>1</sup>, Hammes H.-P.<sup>1</sup>, <sup>1</sup>Mannheim
- PS2-01-5 Sorbitol pathway of glucose metabolism and dyslipidemia  
Julius U.<sup>1</sup>, Graessler J.<sup>1</sup>, Obrosova I.<sup>2</sup>, Bornstein S.<sup>1</sup>, <sup>1</sup>Dresden, <sup>2</sup>Baton Rouge
- PS2-01-6 Biglycan: A negative regulator of cardiac elastin expression in diabetic hearts  
Schlüter K.-D.<sup>1</sup>, Forst S.<sup>1</sup>, Wenzel S.<sup>1</sup>, Schreckenberger R.<sup>1</sup>, Schäfer L.<sup>2</sup>, <sup>1</sup>Gießen, <sup>2</sup>Frankfurt
- PS2-01-7 Melanocortin-4-receptor gene variant Y35X/D37V: Hotspot or identical by descent?  
Grothe J.<sup>1</sup>, Brumm H.<sup>1</sup>, Grallert H.<sup>2</sup>, Scherag A.<sup>3</sup>, Friedel S.<sup>3</sup>, Hinney A.<sup>3</sup>, Hebebrand J.<sup>3</sup>, Illig T.<sup>2</sup>, Farooqui S.<sup>4</sup>, Wiegand S.<sup>1</sup>, Krude H.<sup>1</sup>, Grüters A.<sup>1</sup>, Biebermann H.<sup>1</sup>, <sup>1</sup>Berlin, <sup>2</sup>Neuherberg, <sup>3</sup>Essen, <sup>4</sup>Cambridge
- PS2-01-8 Adipocyte fatty acid-binding protein suppresses cardiomyocyte contraction: A new link between obesity and heart disease  
Lamounier-Zepter V.<sup>1</sup>, Look C.<sup>1</sup>, Ehrhart-Bornstein M.<sup>1</sup>, Bornstein S.R.<sup>1</sup>, Morano I.<sup>2</sup>, <sup>1</sup>Dresden, <sup>2</sup>Berlin
- PS2-01-9 Impaired insulin sensitivity in octogenarians is associated with decreased low molecular weight (LMW) adiponectin  
Gräßler J.<sup>1</sup>, Radke R.<sup>2</sup>, Kopprasch S.<sup>1</sup>, Schwarz P.E.<sup>1</sup>, Gruber M.<sup>1</sup>, Kamke W.<sup>3</sup>, Bornstein S.R.<sup>1</sup>, Fischer S.<sup>1</sup>, <sup>1</sup>Dresden, <sup>2</sup>Bad Schandau, <sup>3</sup>Burg (Spreewald)
- PS2-01-10 Metabolic effects of topiramate in migraine patients  
Schütt M.<sup>1</sup>, Brinkhoff J.<sup>2</sup>, Drenckhan M.<sup>1</sup>, Lehnert H.<sup>1</sup>, Sommer C.<sup>2</sup>, <sup>1</sup>Lübeck, <sup>2</sup>Würzburg

#### **Hypothalamus and Pituitary Gland**

Vorsitz:

- PS2-02-1 Glucose metabolism and insulin sensitivity in growth hormone deficiency after long term growth hormone substitution  
Roemmler J.<sup>1</sup>, Kuenkler M.<sup>1</sup>, Dieterle C.<sup>1</sup>, Schopohl J.<sup>1</sup>, AG Neuroendocrinology, <sup>1</sup>Munich
- PS2-02-2 No increase in aortic diameters in patients with acromegaly in comparison to epidemiological data from the general population of the Heinz-Nixdorf-Recall (HNR) study  
Berg C.<sup>1</sup>, Kälsch H.<sup>1</sup>, Lahner H.<sup>1</sup>, Herrmann B.L.<sup>1</sup>, Broecker-Preuss M.<sup>1</sup>, Roggenbuck U.<sup>1</sup>, Lehmann N.<sup>1</sup>, Moebus S.<sup>1</sup>, Joeckel K.-H.<sup>1</sup>, Erbel R.<sup>1</sup>, Mann K.<sup>1</sup>, on behalf of the Investigative Group of the Heinz Nixdorf Recall Study, <sup>1</sup>Essen

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- PS2-02-3 Copeptin in the differential diagnosis of hyponatremia  
Fenske W.<sup>1</sup>, Allolio B.<sup>1</sup>, <sup>1</sup>Würzburg
- PS2-02-4 Quality of aftercare following surgery for acromegaly and Cushing's disease  
Psaras T.<sup>1</sup>, Milian M.<sup>1</sup>, Honegger J.<sup>1</sup>, <sup>1</sup>Tübingen
- PS2-02-5 Postoperative long-term management of acromegalic patients in daily practice  
Schindler S.<sup>1</sup>, Kremenevskaja N.<sup>1</sup>, Buchfelder M.<sup>1</sup>, Schöfl C.<sup>1</sup>, <sup>1</sup>Erlangen
- PS2-02-6 Ossified prolactinoma - A rare condition  
Raimund F.<sup>1</sup>, Hagel C.<sup>1</sup>, van der Loo A.<sup>2</sup>, Lüdecke D.<sup>1</sup>, Flitsch J.<sup>1</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Bremen
- PS2-02-7 Hypopituitarism after aneurysmal subarachnoid hemorrhage (SAH)  
Lammert A.<sup>1</sup>, Bode H.<sup>1</sup>, Hammes H.-P.<sup>1</sup>, Fatar M.<sup>1</sup>, Zohsel K.<sup>1</sup>, Schmieder K.<sup>1</sup>, Thomé C.<sup>1</sup>, Seiz M.<sup>1</sup>, <sup>1</sup>Mannheim
- PS2-02-8 No association between increased prolactin levels and progression of left ventricular mass: Results of the study of health in Pomerania  
Steveling A.<sup>1</sup>, Haring R.<sup>1</sup>, Felix S.<sup>1</sup>, Dörr M.<sup>1</sup>, Lohmann T.<sup>2</sup>, Völzke H.<sup>1</sup>, Wallaschofski H.<sup>1</sup>, <sup>1</sup>Greifswald, <sup>2</sup>Dresden
- PS2-02-9 Effect of Fenvalerate on LH secretion  
Parvizi N.<sup>1</sup>, Xi D.<sup>2</sup>, <sup>1</sup>Neustadte a. Rbg., <sup>2</sup>Shanghai

### Adrenal Gland

#### Vorsitz:

- PS2-03-1 No evidence of higher prevalence of depression in patients with primary aldosteronism than in the normal population  
Schulz S.<sup>1</sup>, Merkle K.<sup>1</sup>, Gerum S.<sup>1</sup>, Schirpenbach C.<sup>1</sup>, Löw A.<sup>1</sup>, Beuschlein F.<sup>1</sup>, Reincke M.<sup>1</sup>, <sup>1</sup>München
- PS2-03-2 Blood pressure regulation in patients with primary aldosteronism following adrenalectomy and mineralocorticoid receptor antagonist therapy  
Merkle K.<sup>1</sup>, Schulz S.<sup>1</sup>, Gerum S.<sup>1</sup>, Schirpenbach C.<sup>1</sup>, Jung P.<sup>1</sup>, Beuschlein F.<sup>1</sup>, Reincke M.<sup>1</sup>, <sup>1</sup>München
- PS2-03-3 Normalization of the aldosterone/renin ratio and potassium levels in patients with primary aldosteronism under long-term therapy with spironolactone  
Gerum S.<sup>1</sup>, Merkle K.<sup>1</sup>, Schulz S.<sup>1</sup>, Schirpenbach C.<sup>1</sup>, Manolopoulou J.<sup>1</sup>, Bidlingmaier M.<sup>1</sup>, Beuschlein F.<sup>1</sup>, Reincke M.<sup>1</sup>, <sup>1</sup>München
- PS2-03-4 Chromogranin A serves as tumor antigen for the treatment of pheochromocytoma in a murine model  
Papewalis C.<sup>1</sup>, Kouatchoua C.<sup>1</sup>, Wuttke M.<sup>1</sup>, Jacobs B.<sup>1</sup>, Willenberg H.S.<sup>1</sup>, Schinner S.<sup>1</sup>, Eisenhofer G.<sup>2</sup>, Scherbaum W.A.<sup>1</sup>, Schott M.<sup>1</sup>, <sup>1</sup>Duesseldorf, <sup>2</sup>Dresden
- PS2-03-5 Regulation of early aldosterone response after stimulation and suppression experiments in mice  
Spyroglou A.<sup>1</sup>, Manolopoulou J.<sup>1</sup>, Reincke M.<sup>1</sup>, Bidlingmaier M.<sup>1</sup>, Beuschlein F.<sup>1</sup>, <sup>1</sup>München
- PS2-03-6 Cushing's disease secondary to impaired 21-hydroxylation  
Haase M.<sup>1</sup>, Cox T.<sup>1</sup>, Kaminsky E.<sup>2</sup>, Lüdecke D.K.<sup>2</sup>, Saeger W.<sup>2</sup>, Fritzen R.<sup>1</sup>, Schott M.<sup>1</sup>, Schinner S.<sup>1</sup>, Domberg J.<sup>1</sup>, Scherbaum W.A.<sup>1</sup>, Willenberg H.S.<sup>1</sup>, <sup>1</sup>Düsseldorf, <sup>2</sup>Hamburg
- PS2-03-7 Quantitative real time RT-PCR of tyrosine hydroxylase (TH) to confirm the diagnosis of adrenal pheochromocytomas  
Ueberberg B.<sup>1</sup>, Hinrichs J.<sup>1</sup>, Walz M.K.<sup>1</sup>, Mann K.<sup>1</sup>, Petersenn S.<sup>1</sup>, <sup>1</sup>Essen

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- PS2-03-8 Adrenal non-producing adenomas show indirect signs of glucocorticoid excess  
Sagert C.<sup>1</sup>, Haase M.<sup>1</sup>, Schinner S.<sup>1</sup>, Schott M.<sup>1</sup>, Willenberg H.S.<sup>1</sup>, <sup>1</sup>Düsseldorf
- PS2-03-9 Griseofulvin inhibits the growth of malignant adrenocortical cells  
Haase M.<sup>1</sup>, Hildebrandt B.<sup>2</sup>, Hornsby P.J.<sup>3</sup>, Müller-Mattheis V.<sup>1</sup>, Schott M.<sup>1</sup>,  
Scherbaum W.A.<sup>1</sup>, Willenberg H.S.<sup>1</sup>, <sup>1</sup>Duesseldorf, <sup>2</sup>Düsseldorf, <sup>3</sup>San Antonio

### **Neuroendocrinology and Psychoendocrinology; Immunoendocrinology**

#### Vorsitz:

- PS2-04-1 Inactivation of the canonical Wnt-signalling pathway inhibits cell migration of craniopharyngiomas  
Hölsken A.<sup>1</sup>, Buchfelder M.<sup>1</sup>, Fahlbusch R.<sup>2</sup>, Blümcke I.<sup>1</sup>, Buslei R.<sup>1</sup>, <sup>1</sup>Erlangen, <sup>2</sup>Hannover
- PS2-04-2 Several transporter proteins contribute to T3-transport in neurons  
Roth S.<sup>1</sup>, Kinne A.<sup>1</sup>, Wirth E.K.<sup>1</sup>, Schweizer U.<sup>1</sup>, <sup>1</sup>Berlin
- PS2-04-3 Transport activities and plasma membrane localization of MCT8 mutant proteins identified in patients with severe psychomotor retardation depend on cell type. Implications for the interpretation of clinical phenotypes  
Kinne A.<sup>1</sup>, Roth S.<sup>1</sup>, <sup>1</sup>Berlin
- PS2-04-4 Selective slow-wave-sleep deprivation attenuates nocturnal blood pressure dipping but does not alter daytime blood pressure regulation  
Sayk F.<sup>1</sup>, Teckentrup C.<sup>1</sup>, Becker C.<sup>1</sup>, Iwen A.<sup>1</sup>, Heutling D.<sup>2</sup>, Wellhöner P.<sup>1</sup>, Lehnert H.<sup>1</sup>,  
Dodt C.<sup>3</sup>, <sup>1</sup>Lübeck, <sup>2</sup>Magdeburg, <sup>3</sup>München
- PS2-04-5 Correlation of biochemical tests with the quality of life of patients with growth hormone deficiency following traumatic brain injury or subarachnoidal haemorrhage  
Müller-Öffner A.<sup>1</sup>, Gutt B.<sup>1</sup>, Siegmund T.<sup>1</sup>, Hufnagl M.<sup>1</sup>, Schumm-Draeger P.-M.<sup>1</sup>,  
<sup>1</sup>München
- PS2-04-6 New immune stimulatory mechanism of interferon- $\alpha$  for the treatment of neuroendocrine cancers  
Wuttke M.<sup>1</sup>, Papewalis C.<sup>1</sup>, Jacobs B.<sup>1</sup>, Willenberg H.S.<sup>1</sup>, Schinner S.<sup>1</sup>, Baran A.M.<sup>1</sup>,  
Scherbaum W.A.<sup>1</sup>, Schott M.<sup>1</sup>, <sup>1</sup>Duesseldorf
- PS2-04-7 Genetic immunization of C57Bl/6 mice with human TSH-R cDNA plasmid with a gain-of-function mutation (D633H) after prior depletion of CD25+ T-cells  
Johnson K.T.M.<sup>1</sup>, Ziler B.<sup>1</sup>, Carpinteiro A.<sup>2</sup>, Bröcker-Preuß M.<sup>1</sup>, Thanos M.<sup>1</sup>,  
Mann K.<sup>1</sup>, Schmid K.W.<sup>1</sup>, Eckstein A.K.<sup>1</sup>, Gulbins E.<sup>2</sup>, <sup>1</sup>Essen, <sup>2</sup>Duisburg
- PS2-04-8 Proteomics in endocrine orbitopathy  
Okrojek R.<sup>1</sup>, Grus F.H.<sup>1</sup>, Matheis N.<sup>1</sup>, Wieschollek S.<sup>1</sup>, Weber M.M.<sup>1</sup>, Kahaly G.J.<sup>1</sup>, <sup>1</sup>Mainz
- PS2-04-9 HLA class II-typing in polyglandular autoimmunity  
Haager M.-C.<sup>1</sup>, Barkia S.<sup>1</sup>, Weinstock C.<sup>2</sup>, Matheis N.<sup>1</sup>, Weber M.M.<sup>1</sup>, Kahaly G.J.<sup>1</sup>,  
<sup>1</sup>Mainz, <sup>2</sup>Bad Kreuznach
- PS2-04-10 Retrobulbar irradiation for graves' orbitopathy - Comparing dose efficiency of 12, 16 and 20Gy  
Johnson K.T.M.<sup>1</sup>, Loesch C.<sup>1</sup>, Esser J.<sup>1</sup>, Wittig A.<sup>1</sup>, Sauerwein W.<sup>1</sup>, Eckstein A.K.<sup>1</sup>, <sup>1</sup>Essen

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### Hormones and Aging; Pediatric Endocrinology

Vorsitz:

- PS2-05-1 Dose dependent effects of genistein on gene expression in the heart of ovariectomized mice after long term treatment  
Nguyen B.T.<sup>1</sup>, Kuper A.<sup>1</sup>, Wuttke W.<sup>1</sup>, Jarry H.<sup>1</sup>, <sup>1</sup>Göttingen
- PS2-05-2 Dickkopf-3 homolog - A biomarker for aging?  
Zenzmaier C.<sup>1</sup>, Hermann M.<sup>1</sup>, Untergasser G.<sup>1</sup>, Berger P.<sup>1</sup>, <sup>1</sup>Innsbruck
- PS2-05-3 Cell specific effect of NO deficiency on PTHrP responsiveness and PTH/PTHrP receptor expression  
Schlüter K.-D.<sup>1</sup>, Schreckenber R.<sup>1</sup>, da Costa Rebelo R.M.<sup>1</sup>, Röthig A.<sup>1</sup>, <sup>1</sup>Gießen
- PS2-05-4 Circulating osteoprotegerin (OPG) is increased in men with late-onset hypogonadism and correlated with soluble platelet endothelial cell adhesion molecule (sPECAM)-1  
Georgescu C.E.<sup>1</sup>, Coman I.<sup>1</sup>, Porav D.<sup>1</sup>, Dragotoiu G.<sup>1</sup>, Hazi G.<sup>1</sup>, Duncea I.<sup>1</sup>, <sup>1</sup>Cluj-Napoca
- PS2-05-5 Heterozygous mutation within a kinase-conserved motif of the human IGF-I receptor gene in a family with intrauterine and postnatal growth retardation  
Kruis T.<sup>1</sup>, Klammt J.<sup>1</sup>, Galli-Tsinopoulou A.<sup>2</sup>, Wallborn T.<sup>1</sup>, Kiess W.<sup>1</sup>, Pfäffle R.<sup>1</sup>, <sup>1</sup>Leipzig, <sup>2</sup>Thessaloniki
- PS2-05-6 Pharmacodynamic response after a single injection of a pegylated long-acting recombinant human growth hormone  
Bysted B.<sup>1</sup>, Andersson T.W.<sup>2</sup>, Madsen J.<sup>1</sup>, Klitgaard T.<sup>1</sup>, Rasmussen M.H.<sup>1</sup>, <sup>1</sup>Bagsvaerd, <sup>2</sup>Maaløv
- PS2-05-7 A novel heterozygous missense mutation in the extracellular domain of the insulin-like growth factor-1 receptor in a child with intrauterine and postnatal growth retardation  
Wallborn T.<sup>1</sup>, Kruis T.<sup>1</sup>, Klammt J.<sup>1</sup>, Schmidt G.<sup>2</sup>, Körner A.<sup>1</sup>, Pfäffle R.<sup>1</sup>, Kiess W.<sup>1</sup>, <sup>1</sup>Leipzig, <sup>2</sup>Garmisch-Partenkirchen
- PS2-05-8 Registry for congenital adrenal hyperplasia (CAH) caused by 21-hydroxylase deficiency  
Mohnike K.<sup>1</sup>, Bettendorf M.<sup>2</sup>, Binder G.<sup>3</sup>, Brämwig J.<sup>4</sup>, Dörr H.<sup>5</sup>, Empting S.<sup>1</sup>, Hauffa B.<sup>6</sup>, Höpfner W.<sup>7</sup>, Holl R.<sup>8</sup>, Homoki J.<sup>8</sup>, Kamrath C.<sup>9</sup>, Lieber K.<sup>1</sup>, Pottkämper E.<sup>1</sup>, Riepe F.<sup>10</sup>, Röhl F.-W.<sup>1</sup>, Waldhauser F.<sup>11</sup>, AQUAPE, <sup>1</sup>Magdeburg, <sup>2</sup>Heidelberg, <sup>3</sup>Tübingen, <sup>4</sup>Münster, <sup>5</sup>Erlangen, <sup>6</sup>Essen, <sup>7</sup>Leipzig, <sup>8</sup>Ulm, <sup>9</sup>Frankfurt, <sup>10</sup>Kiel, <sup>11</sup>Wien
- PS2-05-9 IGF-I and IGFBP-3 as markers for monitoring GH therapy in GH-deficient children  
Boettcher C.<sup>1</sup>, Shavrikova E.P.<sup>2</sup>, Crowe B.J.<sup>3</sup>, Wudy S.A.<sup>1</sup>, Blum W.F.<sup>4</sup>, <sup>1</sup>Giessen, <sup>2</sup>St. Petersburg, <sup>3</sup>Indianapolis, <sup>4</sup>Bad Homburg
- PS2-05-10 Approaches from pediatric and adult endocrinologists on patients with growth hormone deficiency (GHD) in the transition phase in Germany  
Dörr H.G.<sup>1</sup>, Hauffa B.<sup>2</sup>, Wittig T.<sup>3</sup>, Wallaschofski H.<sup>4</sup>, KIGS und KIMS, <sup>1</sup>Erlangen, <sup>2</sup>Essen, <sup>3</sup>Berlin, <sup>4</sup>Greifswald

### Endocrine Neoplasms

Vorsitz:

- PS2-06-1 Various Map kinase signalling pathways mediate the inhibitory effect of the multi-kinase inhibitor sorafenib in thyroid carcinoma cells  
Broecker-Preuß M.<sup>1</sup>, Britten M.<sup>1</sup>, Redmann A.<sup>1</sup>, Mann K.<sup>1</sup>, <sup>1</sup>Essen

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- PS2-06-2 Evaluation of normative data for somatostatin receptor imaging by Ga-68-DOTATOC PET/CT: Perspectives for the diagnosis and therapy of neuroendocrine tumours  
Boy C.<sup>1</sup>, Heusner T.A.<sup>1</sup>, Poeppel T.D.<sup>1</sup>, Mueller S.M.<sup>1</sup>, Hamami M.E.<sup>1</sup>, Jentzen W.<sup>1</sup>, Goerges R.<sup>1</sup>, Kuehl H.<sup>1</sup>, Antoch G.<sup>1</sup>, Mann K.<sup>1</sup>, Brandau W.<sup>1</sup>, Bockisch A.<sup>1</sup>, Petersenn S.<sup>1</sup>,<sup>1</sup>Essen
- PS2-06-3 A novel mutation in the MEN1 gene (Ser38Cys) with unusual tumors  
Flohr F.<sup>1</sup>, Rondot S.<sup>2</sup>, Thomusch O.<sup>3</sup>, Dobschutz E.<sup>3</sup>, Seufert J.<sup>3</sup>,<sup>1</sup>Karlsruhe, <sup>2</sup>Heidelberg, <sup>3</sup>Freiburg
- PS2-06-4 Minimal invasive surgery for endocrine pancreatic tumors  
Fendrich V.<sup>1</sup>, Bartsch D.<sup>1</sup>, Kann P.H.<sup>1</sup>, Kanngiesser V.<sup>1</sup>, Langer P.<sup>1</sup>,<sup>1</sup>Marburg
- PS2-06-5 Operative management and long-term survival in patients with neuroendocrine tumors of the pancreas-experience with 170 patients  
Fendrich V.<sup>1</sup>, Langer P.<sup>1</sup>, Waldmann J.<sup>1</sup>, Bartsch D.K.<sup>1</sup>,<sup>1</sup>Marburg
- PS2-06-6 Ectopic Cushing's syndrome caused by a well differentiated ACTH-secreting neuroendocrine carcinoma of the ileum  
Werner F.<sup>1</sup>, Koch C.A.<sup>2</sup>, Bartels M.<sup>1</sup>, Aigner T.<sup>1</sup>, Lincke T.<sup>1</sup>, Fasshauer M.<sup>1</sup>, Paschke R.<sup>1</sup>,<sup>1</sup>Leipzig, <sup>2</sup>Jackson
- PS2-06-7 GPOH-MET 97 - Multicentre study on malignant endocrine tumours in children and adolescents  
Redlich A.<sup>1</sup>, Boxberger N.<sup>1</sup>, Frühwald M.<sup>2</sup>, Vorwerk P.<sup>1</sup>,<sup>1</sup>Magdeburg, <sup>2</sup>Münster
- PS2-06-8 Dipeptidyl peptidase IV as marker in the screening for differentiating agents in transformed thyrocytes  
Fröhlich E.<sup>1</sup>, Maier E.<sup>1</sup>, Wahl R.<sup>1</sup>,<sup>1</sup>Tuebingen

### **Endocrine Imaging; Regenerative and Stem Cell Therapy; Nutrigenomics and Functional Food**

Vorsitz:

- PS2-07-1 Human single-chain antibodies for highly selective targeting of pancreatic beta- or alpha-cells in vivo  
Ueberberg S.<sup>1</sup>, Meier J.J.<sup>1</sup>, Schechinger W.<sup>1</sup>, Dietrich J.W.<sup>1</sup>, Schmitz I.<sup>1</sup>, Tannapfel A.<sup>1</sup>, Schirmacher R.<sup>2</sup>, Hermann S.<sup>3</sup>, Klein H.H.<sup>1</sup>, Schneider S.<sup>1</sup>,<sup>1</sup>Bochum, <sup>2</sup>Montreal, <sup>3</sup>Münster
- PS2-07-2 Reduction of cellular stress and increase of proliferative signals on pancreatic beta cells by strategies including exendin-4  
Samikannu B.<sup>1</sup>, Padmasekar M.<sup>1</sup>, Schumacher M.<sup>1</sup>, Linn T.<sup>1</sup>,<sup>1</sup>Giessen
- PS2-07-3 Isolation and characterization of chromaffin progenitor cells from bovine adrenal medulla  
Chung K.-F.<sup>1</sup>, Sicard F.<sup>1</sup>, Vukicevic V.<sup>1</sup>, Gebauer L.<sup>1</sup>, Huttner W.B.<sup>1</sup>, Bornstein S.R.<sup>1</sup>, Ehrhart-Bornstein M.<sup>1</sup>,<sup>1</sup>Dresden
- PS2-07-4 Differential expression of trefoil factor family (TFF) genes in pig small intestine during postnatal development and after probiotic treatment  
Scholven J.<sup>1</sup>, Sharbati-Tehrani S.<sup>1</sup>, Schön J.<sup>1</sup>, Weyrauch K.D.<sup>1</sup>, Taras D.<sup>2</sup>, Simon O.<sup>1</sup>, Holder C.<sup>1</sup>, Gabler C.<sup>1</sup>, Blin N.<sup>3</sup>, Meyer zum Büschenfelde D.<sup>1</sup>, Otmar H.<sup>4</sup>, Einspanier R.<sup>1</sup>,<sup>1</sup>Berlin, <sup>2</sup>Cuxhaven, <sup>3</sup>Tübingen, <sup>4</sup>Berlin, Jena
- PS2-07-5 Effects of estrogen receptor alpha and beta selective agonists and exercise on myosin heavy chain expression in skeletal muscle of female ovariectomized rats  
Velders M.<sup>1</sup>, Fritzeimer K.H.<sup>2</sup>, Solzbacher M.<sup>1</sup>, Diel P.<sup>1</sup>,<sup>1</sup>Köln, <sup>2</sup>Berlin

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### **Molecular Genetics and Transgenic Animals; Miscellaneous**

Vorsitz:

- PS2-08-1 Reduced expression of the DNASE1 gene in polyglandular autoimmunity  
Woletz K.<sup>1</sup>, Dittmar M.<sup>1</sup>, Hey C.<sup>1</sup>, Matheis N.<sup>1</sup>, Weber M.M.<sup>1</sup>, Kahaly G.J.<sup>1</sup>, <sup>1</sup>Mainz
- PS2-08-2 First description of a new MHC class I chain related gene A allele in endocrine autoimmunity  
Matheis N.<sup>1</sup>, Dittmar M.<sup>1</sup>, Wurm M.<sup>1</sup>, Bender K.<sup>1</sup>, Weber M.M.<sup>1</sup>, Kahaly G.J.<sup>1</sup>, <sup>1</sup>Mainz
- PS2-08-3 CTLA-4 and PTPN22 are susceptibility genes for polyglandular autoimmunity  
Dultz G.<sup>1</sup>, Matheis N.<sup>1</sup>, Dittmar M.<sup>1</sup>, Bender K.<sup>1</sup>, Weber M.M.<sup>1</sup>, Kahaly G.J.<sup>1</sup>, <sup>1</sup>Mainz
- PS2-08-4 Genetic analysis of GNAS1: High frequency of epigenetic defects at the GNAS locus in patients with pseudohypoparathyroidism (PHP)  
Clausmeyer S.<sup>1</sup>, Schulze E.<sup>1</sup>, Frank-Raue K.<sup>1</sup>, Raue F.<sup>1</sup>, <sup>1</sup>Heidelberg
- PS2-08-5 Beneficial effects of 25(OH)D3 and 1,25(OH)2D3 on the type 1 diabetes incidence in RIP-LCMV-GP mice  
Ramos-Lopez E.<sup>1</sup>, Penna-Martinez M.<sup>1</sup>, Badenhoop K.<sup>1</sup>, Christen U.<sup>1</sup>, <sup>1</sup>Frankfurt am Main
- PS2-08-6 Inhibition of the CREB co-activator TORC by the mitogen-activated kinase DLK in pancreatic beta cells  
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