



Poster

Hypophyse/Neuroendokrinologie I

Vorsitz: Michael Buchfelder, Erlangen

- P1 1-1 Prevalence of AIP gene mutations in young patients with acromegaly
Schöfl C.¹, Honegger J.², Droste M.³, Grussendorf M.⁴, Finke R.⁵, Plöckinger U.⁵, Klingmüller D.⁶, Jaurisch-Hancke C.⁷, Tönjes A.⁸, Schneidewind S.⁹, Flitsch J.¹⁰, Mayr B.¹, Hoepfner W.¹⁰, Schopohl J.¹¹, ¹Erlangen, ²Tübingen, ³Oldenburg, ⁴Stuttgart, ⁵Berlin, ⁶Bonn, ⁷Wiesbaden, ⁸Leipzig, ⁹Hannover, ¹⁰Hamburg, ¹¹Munich
- P1 1-2 Expression, signalling and function of somatostatin receptors and clinical efficacy of somatostatin receptor agonists in acromegaly
Mayr B.¹, Buslei R.¹, Buchfelder M.¹, Schöfl C.¹, ¹Erlangen
- P1 1-3 Epidemiology of pituitary tumors - Multicenter study (to assess the patient data) of a geographical region
Droste M.¹, Abdallah Y.², Kretschmer T.¹, Röttger E.³, Schleifer T.⁴, ¹Oldenburg, ²Sanderbusch, ³Meppen, ⁴Wilhelmshaven
- P1 1-4 Long-term-outcome in Acromegaly: Analysis of 1344 patients from the German Acromegaly register
Schöfl C.¹, Franz H.², Grussendorf M.³, Honegger J.⁴, Jaurisch-Hancke C.⁵, Schopohl J.⁶, for the participants of the German Acromegaly Register, ¹Erlangen, ²Berlin, ³Stuttgart, ⁴Tübingen, ⁵Wiesbaden, ⁶Munich
- P1 1-5 Use of intraoperative ultrasound for resection of ACTH-secreting pituitary adenomas
Knappe U.J.¹, Feldkamp J.², Jaspers C.¹, ¹Minden, ²Bielefeld
- P1 1-6 Copeptin as a marker for anterior and posterior pituitary function during insulin induced hypoglycemia
Kacheva S.¹, Kolk K.¹, Brabant G.², Morgenthaler N.G.³, Karges W.¹, ¹Aachen, ²Lübeck, ³Henningsdorf-Berlin
- P1 1-7 Bacterial lipopolysaccharides (LPS) stimulate angiogenic factor production in normal and tumoral pituitary cells under basal and hypoxia-mimicking conditions
Lucia K.¹, Scalfi C.¹, Monteserin Garcia J.L.¹, Buchfelder M.², Kuhlen D.¹, Stalla G.K.¹, Renner U.¹, ¹Munich, ²Erlangen
- P1 1-8 Treatment of two patients with pituitary adenoma and meningioma with temozolomide
Schlaffer S.-M.¹, Kremenevskaya N.¹, Swozil F.¹, Buchfelder M.¹, ¹Erlangen

- P1 1-9 Dual intrasellar pathologies
Schlaffer S.-M.¹, Kreitschmann-Andermahr I.¹, Saeger W.², Buslei R.¹, Buchfelder M.¹,
¹Erlangen, ²Hamburg

Schilddrüse und Nebenschilddrüse I

Vorsitz: Werner Scherbaum, Düsseldorf

- P1 2-1 Combined use of methylisobutyl-nitrile-(MIBI)-scintigraphy and aspiration cytology to assess the risk of malignancy of thyroid nodules and stratify patients for surgical or non-surgical therapy - a retrospective cohort study
Leidig-Bruckner G.¹, Cichorowski G.², Sattler P.², Bruckner T.¹, Sattler B.², ¹Heidelberg, ²Ludwigshafen
- P1 2-2 Primary hyperaldosteronism and the prevalence of hyperparathyroidism in Germany
Pallauf A.¹, Lang K.², Hanslik G.³, Fischer E.¹, Bidlingmaier M.¹, Eichhorn P.¹, Beuschlein F.¹, Quinkler M.³, Allolio B.², Reincke M.¹, ¹München, ²Würzburg, ³Berlin
- P1 2-3 Current practice to diagnose and treat thyroid nodules in Germany
Wienhold R.¹, Adler J.-B.², Scholz M.¹, Paschke R.¹, ¹Leipzig, ²Berlin
- P1 2-4 Impact of Iodide supplementation on the murine TAZ10 autoimmune thyroiditis model
Thiel A.¹, Ehlers M.¹, Papewalis C.², Stenzel W.¹, Bernecker C.¹, Schinner S.¹, Willenberg H.¹, Scherbaum W.¹, Schott M.¹, ¹Düsseldorf, ²Bonn
- P1 2-5 Determination of 3-Iodothyronamine and thyroid hormones in mouse thyroids using LC-MS/MS
Hoefig C.S.¹, Wirth E.K.¹, Schweizer U.¹, Köhrle J.¹, ¹Berlin
- P1 2-6 Cubilin exon polymorphism and its effects on vitamin D levels in differentiated thyroid carcinoma
Angeletti F.¹, Penna-Martinez M.¹, Kahles H.¹, Döring C.¹, Hansmann M.-L.¹, Grünwald F.¹, Vorländer C.¹, Zeuzem S.¹, Badenhoop K.¹, ¹Frankfurt am Main
- P1 2-7 Cinacalcet effects on the perioperative course of patients operated on for secondary hyperparathyroidism
Wirowski D.¹, Schwarz K.¹, Lammers B.J.¹, Goretzki P.E.¹, ¹Neuss
- P1 2-9 Diagnostic determinants and follow-up of subacute thyroiditis in a retrospective case series of 115 patients
Görges J.¹, Müller-Wieland D.¹, Schulte H.M.¹, Janssen O.E.¹, ¹Hamburg

Stoffwechsel und Diabetes I

Vorsitz: Andreas Pfeiffer, Berlin

- P1 3-1 How Brown Adipose Tissue (BAT) controls triglyceride metabolism: From lipoprotein lipase (LPL) and CD 36

Merkel M.¹, Bartelt A.¹, Toedter K.¹, Scheja L.¹, Niemeier A.¹, Heeren J.¹, ¹Hamburg

- P1 3-2 TRIB3 related modulation of AKT activity in HepG2 cells
Münker C.¹, Pfeifroth N.¹, Kroiss M.¹, Heinze B.¹, Sbiera S.¹, Fassnacht M.¹, Allolio B.¹,
Weismann D.¹, ¹Würzburg
- P1 3-3 Glucagon induziert das Säugetier *Indy*-Gen-Homolog in primären Rattenhepatocytenv
Lieske S.¹, Neuschäfer-Rube F.², Kuna M.², Pfeiffer A.F.H.^{1,2}, Püschel G.P.², Birkenfeld A.L.¹,
¹Berlin, ²Potsdam
- P1 3-4 Exendin-4 upregulates the expression of Wnt4, a novel regulator of pancreatic beta-cell
proliferation
Heller C.¹, Kühn M.C.¹, Mülders-Opgenoorth B.¹, Schott M.¹, Willenberg H.S.¹, Scherbaum
W.A.¹, Schinner S.¹, ¹Düsseldorf
- P1 3-5 Acute oral fat load increases incretin hormone secretion in rats
Bielohuby M.¹, Meurer S.¹, Popp S.¹, Horngacher A.¹, Bidlingmaier M.¹, ¹München
- P1 3-6 Identification of a novel Hepatocyte Nuclear Factor 1 alpha (HNF-1α) mutation in a patient
with Maturity-Onset Diabetes of the Young (MODY) and hepatic adenomas
Iwen A.¹, Klein J.¹, Hubold C.¹, Lehnert H.¹, Weitzel J.M.², ¹Lübeck, ²Dummerstorf
- P1 3-7 Declining UVB irradiation and the Vitamin D status of German type 1 diabetes patients
Langer J.¹, Penna-Martinez M.¹, Wallasch M.², Ackermann H.¹, Badenhop K.¹, ¹Frankfurt,
²Langen
- P1 3-8 Vitamin B-12 deficiency associated with metformin treatment may result in diabetic
neuropathy in type 2 diabetic patients in daily practice
Jungmann E.¹, Jungmann G.¹, ¹Rheda-Wiedenbrück
- P1 3-9 Autoantibodies against serotonergic 5-HT₄ receptor in patients with heart failure
Breider M.¹, Eftekhari P.², ¹Koesching, ²Strasbourg
- P1 3-10 Functional analysis of genetic variants and vitamin D status in immune cells by RT-PCR
Morán-Auth Y.¹, Penna-Martinez M.¹, Ramos-Lopez E.¹, Badenhop K.¹, ¹Frankfurt am Main
- P1 3-11 High dose vitamin D in type 1 diabetes or Addison's disease 1 (ViDDA 1 study)
Bogdanou D.¹, Meyer G.¹, Penna-Martinez M.¹, Shoghi F.¹, Moran-Auth Y.¹, Badenhop K.¹,
ViDDA 1 Study group, ¹Frankfurt

Knochen

Vorsitz: Heide Siggelkow, Göttingen

- P1 4-1 Compound A, a selective glucocorticoid receptor modulator does not impair bone in a mouse
model of glucocorticoid-induced bone loss
Thiele S.¹, De Bosscher K.², Tuckermann J.³, Hofbauer L.C.¹, Rauner M.¹, ¹Dresden, ²Gent, ³Jena

- P1 4-2 Adipocyte-secreted factors increase osteoblast proliferation and the OPG/RANKL ratio to influence osteoclast formation
Kühn M.C.¹, Willenberg H.S.¹, Schott M.¹, Papewalis C.¹, Stumpf U.¹, Flohé S.¹, Scherbaum W.A.¹, Schinner S.¹, ¹Düsseldorf
- P1 4-3 An O-glycosylation site in fibronectin inhibits osteoblast function and bone formation both *in vitro* and *in vivo*
Sens C.^{1,2}, von Au A.^{1,2}, Kawelke N.^{1,2}, Nakchbandi I.^{1,2}, ¹Heidelberg, ²Martinsried
- P1 4-4 Impact of pregnancy, puerperium and lactation on bone metabolism
Ziehr S.C.¹, Engleder N.¹, Murach K.-F.¹, Grubinger T.¹, Wildt L.¹, ¹Innsbruck
- P1 4-5 Parity-dependency of estrogen response in bone and uterus of Lewis rats
Keiler A.M.¹, Zierau O.¹, Bernhardt R.¹, Vollmer G.¹, ¹Dresden
- P1 4-6 Fibronectin isoform EDA increases osteoblast activity
Sens C.^{1,2}, Kawelke N.^{1,2}, Nakchbandi I.^{1,2}, ¹Heidelberg, ²Martinsried
- P1 4-7 Prepubertal pig offspring show sex-specific changes in bone mass density following *in utero* estradiol-17 β exposure
Pistek V.¹, Fürst R.W.¹, Seidlová-Wuttke D.², Wuttke W.², Kliem H.¹, Meyer H.H.D.¹, Ulbrich S.E.¹, ¹Freising, ²Göttingen
- P1 4-8 Comparison of different methods for determination of 25-hydroxyvitamin D (25-OHD): Influence on the prevalence of vitamin D deficiency
Scharla S.H.¹, Lempert U.G.¹, ¹Bad Reichenhall
- P1 4-9 Long term higher urinary calcium excretion within the normal physiologic range predicts impaired diaphyseal bone status in healthy children: the importance of potential renal acid load
Shi L.¹, Libuda L.¹, Schönau E.², Frassetto L.³, Remer T.¹, ¹Dortmund, ²Cologne, ³San Francisco
- P1 4-10 Serum tryptase levels should be included in the evaluation of secondary osteoporosis
Reid J.S.¹, Jung A.², Schön M.¹, Lippert U.², Siggelkow H.¹, ¹Göttingen, ²Dessau

Reproduktionsmedizin/Endokrinologie und Fortpflanzung I

Vorsitz: Ralf Dittrich, Erlangen

- P1 5-1 Young age in Klinefelter-patients increases chances for successful testicular sperm extraction: Predictive factors for a positive spermatozoal yield
 Bongers R.¹, Gottardo F.¹, Zitzmann M.¹, Kliesch S.¹, ¹Münster
- P1 5-2 Slow-freezing vs. vitrification in ovarian tissue preservation
Klocke S.¹, Buendgen N.¹, Koester F.¹, Diedrich K.¹, Griesinger G.¹, ¹Lübeck

- P1 5-3 Cumulative live-birth rates (CLBR) considering the total number of embryos replaced in 26504 consecutive ovum donation cycles (OD)
Santamaria X.¹, Garrido N.¹, Bellver J.¹, Remohi J.¹, Simon C.¹, Pellicer A.¹, ¹Valencia
- P1 5-4 Analysis and determination of origin from microparticles in follicular fluid
Franz C.¹, Nieuwland R.², Rank A.³, Montag M.¹, Rösner S.¹, Germeyer A.¹, Strowitzki T.¹, Toth B.¹, ¹Heidelberg, ²Amsterdam, ³Augsburg
- P1 5-5 Analysis of morphological changes in serially observed bovine embryos
Beck A.¹, Reichenbach M.¹, Reichenbach H.-D.², Habermann F.³, Arnold G.³, Wolf E.¹, ¹Oberschleißheim, ²Grub, ³Munich
- P1 5-6 Age-specific reference ranges for serum testosterone and androstenedione concentrations in women measured by liquid chromatography-tandem mass spectrometry
Haring R.¹, Hannemann A.¹, John U.¹, Radke D.¹, Nauck M.¹, Wallaschofski H.¹, Owen L.², Adaway J.², Keevil B.G.², Brabant G.², ¹Greifswald, ²Manchester
- P1 5-7 Profiling intact steroid sulfates in biological samples by liquid chromatography-tandem mass spectrometry (LC-MS-MS)
Galuska C.E.¹, Hartmann M.F.¹, Wudy S.A.¹, ¹Giessen
- P1 5-8 Role of steroid sulfates in the regulation of steroid hormone biosynthesis
Neunzig J.¹, Bernhardt R.¹, ¹Saarbrücken
- P1 5-9 Elucidation of molecular determinants for dysfunction of LH/CGR-Exon10 mutant causing Leydig cell hypoplasia type II
Grzesik P.¹, Teichmann A.¹, Furkert J.¹, Rutz C.¹, Wiesner B.¹, Schüle R.¹, Gromoll J.², Krause G.¹, ¹Berlin, ²Münster
- P1 5-10 Cardiovascular risk factors in Klinefelter patients and healthy controls: A prospective clinical trial
Zitzmann M.¹, Bongers R.¹, Werler S.¹, Tüttelmann F.¹, Rittstieg C.¹, Edelbrock L.¹, Gromoll J.¹, Kliesch S.¹, ¹Münster
- P1 5-11 X-inactivation in Klinefelter patients
Werler S.¹, Bongers R.¹, Tüttelmann F.¹, Zitzmann M.¹, Kliesch S.¹, Gromoll J.¹, ¹Muenster

Endokrinologie-Onkologie/endokrine Tumoren

Vorsitz: Stephan Petersenn, Hamburg

- P1 6-1 Upregulation of Wnt-signalling molecules in human insulinomas
Pohle A.N.¹, Anlauf M.¹, Raffel A.¹, Krausch M.¹, Knoefel W.T.¹, Schott M.¹, Scherbaum W.A.¹, Schinner S.¹, ¹Düsseldorf

- P1 6-2 Epidermal growth factor receptor-targeted non-viral delivery of the sodium iodide symporter (NIS) gene in radioiodine-refractory differentiated and anaplastic thyroid cancer *in vitro* and *in vivo*
Dolp P.A.¹, Klutz K.¹, Knoop K.¹, Schwenk N.¹, Grünwald G.K.¹, Willhauck M.J.¹, Vetter A.¹, Rödl W.¹, Assmann G.¹, Schlichtiger J.¹, Wagner E.¹, Göke B.¹, Ogris M.¹, Spitzweg C.¹, ¹Munich
- P1 6-3 The role of surgery in the management of recurrent adrenocortical carcinoma
Deutschbein T.¹, Erdogan I.¹, Jurowich C.¹, Kroiss M.¹, Fenske W.¹, Hahner S.¹, Heidemeier A.¹, Quinkler M.², Reibetanz J.¹, Willenberg H.S.³, Beuschlein F.⁴, Fottner C.⁵, Langer P.⁶, Klohe S.⁷, Brix D.¹, Allolio B.¹, Fassnacht M.¹, ¹Würzburg, ²Berlin, ³Duesseldorf, ⁴Munich, ⁵Mainz, ⁶Marburg, ⁷Magdeburg
- P1 6-4 Mitotane treatment of adrenocortical carcinoma cells alters expression of genes involved in endoplasmic reticulum stress, apoptosis and steroidogenesis
Kroiß M.¹, Wiemer L.¹, Sbiera S.¹, Leich E.¹, Gardill F.¹, Allolio B.¹, Rosenwald A.¹, Fassnacht M.¹, ¹Würzburg
- P1 6-5 Increased 3-O-sulfation of heparan sulfate is associated with increased invasiveness and augmented growth factor and wnt-signaling in breast cancer cells
Vijaya Kumar A.¹, Gassar E.¹, Stock C.¹, Kiesel L.¹, Yip G.W.², Götte M.¹, ¹Münster, ²Singapore
- P1 6-6 Expression of thyroid hormone receptor and integrin receptor genes and association with thyroid hormone dependent proliferation in cancer
Bröcker-Preuss M.¹, Führer D.¹, Möller L.¹, ¹Essen
- P1 6-7 Analysis of cell death induced by BH3 mimetic drugs in dedifferentiated thyroid carcinoma cells
Viehof J.¹, Jastrow H.¹, Becher-Boveleth N.¹, Mann K.¹, Führer D.¹, Bröcker-Preuss M.¹, ¹Essen
- P1 6-8 Underuse of diagnostic possibilities in patients with differentiated thyroid carcinomas
Lincke T.¹, Dörnfelder M.¹, Sabri O.¹, Paschke R.¹, ¹Leipzig
- P1 6-9 Characterisation and Activation of the human prostate cancer-derived stromal cell line 6S
Helle J.¹, Zierau O.¹, Kretschmar G.¹, Vollmer G.¹, ¹Dresden
- P1 6-10 Sunitinib in pancreatic neuroendocrine tumours: Early experience in 8 patients
Lahner H.¹, Unger N.¹, Pöppel T.¹, Führer-Sakel D.¹, ¹Essen

Aging und Case reports

Vorsitz: Sven Schinner, Düsseldorf

- P1 7-1 Severe reductions of life-span in giant mouse lines long-term selected for high growth
Langhammer M.¹, Renne U.¹, Zeissler A.¹, Nürnberg G.¹, Bielohuby M.², Grass H.³, Barthuber C.³, Schmitz K.³, Baur C.³, Ritz-Timme S.³, Boege F.³, Sawitzky M.¹, Brenmoehl J.¹, Metzger F.⁴, Bidlingmaier M.², Reinsch N.¹, Hoeflich A.¹, ¹Dummerstorf, ²Munich, ³Duesseldorf, ⁴Basel
- P1 7-2 Anxiety, depression and changes in cortisol profiles in women with menopausal symptoms

during treatment with a complex remedy or placebo
von Hagens C.¹, Lewicka S.¹, Schiller P.¹, Godbillon B.¹, Osburg J.¹, Kloose C.¹, Limprecht R.¹,
Strowitzki T.¹, ¹Heidelberg

- P1 7-3 Hormone changes in marathon runners >50 years in comparison to matched controls of the general population and their response to a marathon race
Berg C.¹, Berg J.¹, Petersenn S.¹, Lahner H.¹, Bröcker-Preuss M.¹, Reinhardt W.¹, Leineweber M.¹, Perrey M.¹, Roggenbuck U.¹, Lehmann N.¹, Jöckel K.-H.¹, Heusch G.¹, Erbel R.¹, Führer D.¹, Mann K.¹, Möhlenkamp S.¹, on behalf of the Heinz Nixdorf Recall Study Group, ¹Essen
- P1 7-4 Lack of puberty due to a novel deletion within the *KAL1* gene as a cause of isolated hypogonadotropic hypogonadism
Groß U.S.¹, Morlot M.², Möller-Krull M.¹, Fleischer S.¹, Drexler H.H.S.¹, Schulte H.M.¹,
¹Hamburg, ²Hannover
- P1 7-5 Mixed adeno- neuroendocrine carcinoma (MANEC): an unusual finding in a patient with gastric neuroendocrine tumour type 1
Lahner H.¹, Unger N.¹, Weber F.¹, Dechêne A.¹, Pöppel T.¹, Otterbach F.¹, Führer-Sakel D.¹,
¹Essen
- P1 7-6 Prolactinoma presenting as anaemia and myocarditis
Lüdecke B.¹, Derwahl K.-M.¹, ¹Berlin
- P1 7-7 Primary hyperparathyroidism with normal intact PTH levels
Mann W.A.¹, Sachs M.¹, Usadel K.H.¹, ¹Frankfurt
- P1 7-8 Cushing's disease
Sippel W.¹, Schumm-Draeger P.M.¹, ¹Munich
- P1 7-9 Massive hypercalcaemia in pregnancy
Blagieva R.¹, ¹Ulm
- P1 7-10 Attenuation of climacteric symptoms with Shiatsu - a randomized controlled feasibility trial
von Hagens C.¹, Kul M.^{1,2}, Lewicka S.¹, Endrich A.C.¹, Stammer H.^{1,3}, Osburg J.¹, Scherg H.³,
Strowitzki T.¹, ¹Heidelberg, ²Ankara, ³Ludwigsburg

Schilddrüse und Nebenschilddrüse II

Vorsitz: Lars Möller, Essen

- P2 1-1 THADA - a protein with an important role in the thyroid
Kloth L.¹, Drieschner N.¹, Rippe V.¹, Belge G.¹, Dietz I.¹, Bullerdiek J.¹, ¹Bremen
- P2 1-2 Subclinical thyroid dysfunction in heart failure: Is it prognostically relevant?
Kroiß M.¹, Frey A.¹, Berliner D.¹, Seifert M.¹, Ertl G.¹, Allolio B.¹, Angermann C.E.¹, Störk S.¹,
Fassnacht M.¹, ¹Würzburg

- P2 1-3 Radiocontrast agents as potential substrates for enzymatic deiodination
Renko K.¹, Hoefig C.S.¹, Hiller F.¹, Schomburg L.¹, Köhrle J.¹, ¹Berlin
- P2 1-4 Diagnostic challenge of rapid enlargement of the thyroid: autoimmune thyroiditis - lymphoma - malignant thyroid disease
Leidig-Bruckner G.¹, Frank-Raue K.¹, Lorenz A.¹, Musholt T.², Raue F.¹, ¹Heidelberg, ²Mainz
- P2 1-5 Fine needle aspiration of thyroid nodules
Mansmann G.¹, Willenberg H.S.¹, Schott M.¹, Scherbaum W.A.¹, ¹Düsseldorf
- P2 1-6 Negative Tc^{99m}-sestamibi scintigraphy in primary hyperparathyroidism patients
Wirowski D.¹, Schwarz K.¹, Ingmann S.¹, Goecke J.¹, Bug R.¹, Hinsch N.¹, Borkopp I.¹, Lammers B.J.¹, Goretzki P.E.¹, ¹Neuss
- P2 1-7 Side addicted indications of sternotomy in the case of intrathoracic goiter
Sehnke N.¹, Schwarz K.¹, Lammers B.J.¹, Goretzki P.E.¹, ¹Neuss
- P2 1-8 Post radioiodine immunogenic hyperthyroidism following radioiodine ablation therapy of a focal autonomy
Gemeinhardt L.¹, Siegmund T.¹, Schumm-Draeger P.M.¹, ¹Munich

Nebenniere

Vorsitz: Felix Beuschlein, München

- P2 2-1 Overnight melatonin levels correlate with tumour localisation but not with self-assessed sleep quality in patients irradiated for brain tumours or leukemia
Kreitschmann-Andermahr I.^{1,2}, Siegel S.², Rosenkranz E.², Thissen A.², Piroth M.D.², Brabant G.E.³, ¹Erlangen, ²Aachen, ³Lübeck
- P2 2-2 Role of the endothelial-derived endogenous anti-inflammatory factor Del-1 in inflammation-mediated adrenal gland dysfunction
Kanczkowski W.¹, Chatzigeorgiou A.¹, Grossklaus S.¹, Sprott D.¹, Bornstein S.¹, Chavakis T.¹, ¹Dresden
- P2 2-3 Improvement of health-related quality of life in adult women with 21-hydroxylase deficiency over a 7 years period
Bleicken B.¹, Ventz M.¹, Hinz A.², Quinkler M.¹, ¹Berlin, ²Leipzig
- P2 2-4 Lipoprotein-mediated intracellular mechanisms of adrenal steroidogenesis
Saha S.¹, Graessler J.¹, Bornstein S.R.¹, Koppasch S.¹, ¹Dresden
- P2 2-5 Modified-release prednisolone decreases complaints and fatigue compared to standard prednisolone in patients with adrenal insufficiency
Langenheim J.¹, Hahner S.², Ventz M.¹, Hinz A.³, Quinkler M.¹, ¹Berlin, ²Würzburg, ³Leipzig
- P2 2-6 Frequency and causes of adrenal crisis in patients with congenital adrenal hyperplasia

Reisch N.¹, Willige M.¹, Kohn D.¹, Schwarz H.-P.¹, Allolio B.², Reincke M.¹, Quinkler M.³, Hahner S.², Beuschlein F.¹, ¹München, ²Würzburg, ³Berlin

- P2 2-7 Griseofulvin inhibits the growth of NCI-H295R cell
Haase M.¹, Bramann E.L.¹, Hornsby P.J.², Hildebrandt B.¹, Schott M.¹, Willenberg H.S.¹,
¹Duesseldorf, ²San Antonio
- P2 2-8 Anxiety and depressive symptoms in patients with primary aldosteronism in a longitudinal study
Künzel H.E.¹, Apostolopoulou K.¹, Pallauf A.¹, Hanslik G.², Brand V.¹, Fischer E.¹, Bidlingmaier M.¹, Endres S.¹, Quinkler M.², Beuschlein F.¹, Reincke M.¹, ¹München, ²Berlin
- P2 2-9 Adrenal myelolipomas in CAH - is there role for ultrasound screening of the adrenal glands?
Dauth N.¹, Friedrich-Rust M.¹, Meyer G.¹, Holzer K.¹, Bechstein W.O.¹, Zeuzem S.¹, Bojunga J.¹,
¹Frankfurt
- P2 2-10 Cloning of the CYP11B1/CYP11B2 hybrid gene of a patient with familial hyperaldosteronism and of the aldosterone synthase of an unaffected individual
Dringenberg T.¹, Sorokina M.¹, Dekomien G.², Schinner S.¹, Schott M.¹, Willenberg H.S.¹,
¹Düsseldorf, ²Bochum

Stoffwechsel und Diabetes II

Vorsitz: Klaus-Henning Usadel, Frankfurt

- P2 3-1 The gene mutated in Woodhouse-Sakati-Syndrome (WSS) is predominantly expressed in endocrine glands and encodes a protein localized in the nucleolus and at the nuclear envelope
Roscher C.¹, Blocka J.¹, Sbiera S.¹, Henzel K.¹, Fischer U.¹, Fassnacht M.¹, Allolio B.¹, Kroiss M.¹,
¹Würzburg
- P2 3-2 Very early onset diabetes due to a mutation in the glucokinase gene (p.L304P)
Muchalla P.¹, Pasieka M.¹, Moeller L.C.¹, Kaminsky E.², Führer D.¹, ¹Essen, ²Hamburg
- P2 3-3 Analysis of insulin resistance in functional androgenization syndrome (including “polycystic ovary syndrome”)
Wetzka B.¹, Textor W.¹, Geithövel F.¹, ¹Freiburg
- P2 3-4 C1q/TNF-Related Protein-3 is expressed in adipose tissue, circulates in human sera, and is regulated by metabolic and infection-related parameters
Schmid A.¹, Kopp A.¹, Büchler C.¹, Schäffler A.¹, ¹Regensburg
- P2 3-5 CTRP-5 - a new differentiation-dependent adipokine expressed in adipose tissue and circulating in human blood
Kopp A.¹, Schmid A.¹, Bala M.¹, Büchler C.¹, Schäffler A.¹, ¹Regensburg
- P2 3-6 Effects of IGFBP-2 overexpression on insulin- and IGF-dependent glucose uptake in mice
Zeissler A.¹, Renne U.¹, Langhammer M.¹, Brenmoehl J.¹, Sawitzky M.¹, Metzger F.², Hoeflich A.¹, ¹Dummerstorf, ²Basel

- P2 3-7 Reduced hepatic AMP-activated protein kinase and circulating adiponectin in human nonalcoholic fatty liver disease (NAFLD)
von Loeffelholz C.^{1,2}, Lock J.F.³, Döcke S.², Möhlig M.^{2,3}, Birkenfeld A.L.^{2,3}, Bumke-Vogt C.^{2,3}, Hoppe S.³, Florian S.², Ringe S.³, Isken F.^{2,3}, Osterhoff M.A.^{2,3}, Claus R.A.¹, Bauer M.¹, Neuhaus P.³, Weickert M.O.^{2,3,4}, Stockmann M.³, Pfeiffer A.F.H.^{2,3}, ¹Jena, ²Nuthetal, ³Berlin, ⁴Coventry
- P2 3-8 Human *Krüppel*-like factor (hKLF)11 differentially regulates the human insulin promoter activity in β -cells and non β -cells via p300, PDX1 and A3 element
Perakakis N.¹, Danassi D.¹, Alt M.¹, Tsaroucha E.¹, Laubner K.¹, Rimmer N.¹, Wollheim C.B.², Seufert J.¹, Päth G.¹, ¹Freiburg, ²Geneva
- P2 3-9 Humoral factors by cocultured bone marrow-derived MSC reduce alloxan- but not cytokine-induced beta cell damage
Päth G.¹, Lang L.¹, Feilen P.J.¹, Jäger C.¹, Liu C.¹, Alt M.¹, Seufert J.¹, ¹Freiburg
- P2 3-10 A low ratio of n-6/n-3 PUFA promotes the formation of anti-inflammatory mediators in human macrophages.
Keeren K.¹, Chiu C.-Y.¹, Wachtel N.¹, Dogan I.², Rothe M.², Weylandt K.H.¹, ¹Berlin, ²Berlin-Buch
- P2 3-11 Short term changes of the urine metabolome after bariatric surgery
Friedrich N.¹, Budde K.¹, Jungnickel A.¹, Wolf T.², Dreßler M.², Lohmann T.², Wallaschofski H.¹, ¹Greifswald, ²Dresden

Reproduktionsmedizin/Endokrinologie und Fortpflanzung II

Vorsitz: Stephanie Ziehr, Innsbuck

- P2 4-1 Membrane transporter for sulfated steroids in the human testis- gatekeepers of the sulfatase pathway
Bakhaus K.¹, Wapelhorst B.¹, Fietz D.¹, Döring B.¹, Kliesch S.², Galuska C.E.¹, Wudy S.A.¹, Geyer J.¹, Bergmann M.¹, ¹Giessen, ²Münster
- P2 4-2 Characterization of JEG-3 cells as in vitro model for the role of steroid sulfate transporters for placental estrogen synthesis
Schweigmann H.¹, Grosser G.¹, Galuska C.E.¹, Hartmann M.F.¹, Alber J.¹, Ugele B.², Wudy S.A.¹, Geyer J.¹, Petzinger E.¹, ¹Giessen, ²Munich
- P2 4-3 In vitro maturation: 7-year experience in Heidelberg
Roesner S.¹, von Wolff M.², Eberhardt I.¹, Toth B.¹, Strowitzki T.¹, ¹Heidelberg, ²Bern
- P2 4-4 Metformin effect on endometrial stromal cells - a dose dependent effect
Jung M.¹, Renke T.¹, Jauckus J.¹, Toth B.¹, Strowitzki T.¹, Germeyer A.¹, ¹Heidelberg
- P2 4-5 Investigations on metabolism and transport of sulfated steroids in the porcine testicular-epididymal compartment
Dezhkam Y.¹, Bingsohn L.¹, Galuska C.E.¹, Hartmann M.F.¹, Wudy S.A.¹, Hoffmann B.¹, Schuler G.¹, ¹Giessen

- P2 4-6 Anti-Müllerian Hormone (AMH) in female patients with hypopituitarism
Sonntag B.¹, Nawroth F.¹, Ludwig M.¹, Bullmann C.¹, ¹Hamburg
- P2 4-7 *In vivo* effects of SF-1 dependent Urocortin2 overexpression on gonadal morphology and function
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- P2 4-8 NAMPT is present in human semen
Thomas S.¹, Garten A.¹, Schaab M.¹, Grunewald S.¹, Kiess W.¹, Kratzsch J.¹, Paasch U.¹, ¹Leipzig
- P2 4-9 TNFAIP6 expression and regulation in human endometrium in vivo and in vitro
Hauck L.¹, Milner C.², Jauckus J.¹, Capp E.³, Strowitzki T.¹, Germeyer A.¹, ¹Heidelberg, ²Manchester, ³Rio Grande do Sol
- P2 4-10 Cross coupling between Nfe2 and Jund is required for proper placentation embryonic growth and trophoblast differentiation
Muhammad K.¹, Hellwig A.¹, Bierhaus A.¹, Nawroth P.P.¹, Isermann B.², ¹Heidelberg, ²Magdeburg

Adipositas

Vorsitz: Martin Wabitsch, Ulm

- P2 5-1 Juvenile obesity improves glucose metabolism in advanced ages - effects of body weight selection and a high fat diet in mice
Renne U.¹, Langhammer M.¹, Brenmoehl J.¹, Zeissler A.¹, Sawitzky M.¹, Franke A.², Wiesner R.², Hoeflich A.¹, ¹Dummerstorf, ²Cologne
- P2 5-2 Influence of saturated free fatty acids and intracellular calcium levels on ectodomain shedding of short and long form leptin receptors: Implications for leptin action
Schaab M.¹, Klammt J.¹, Thiery J.¹, Kratzsch J.¹, ¹Leipzig
- P2 5-3 Interactions of energy metabolism and sirtuins in a novel mouse model for outmost physical performance
Brenmoehl J.¹, Walz C.¹, Renne U.¹, Zeissler A.¹, Sawitzky M.¹, Langhammer M.¹, Kunze M.¹, Schwerin M.¹, Hoeflich A.¹, ¹Dummerstorf
- P2 5-4 Impact of estradiol, ER subtype specific agonists and genistein on energy homeostasis in a rat model of nutrition induced obesity
Weigt C.¹, Hertrampf T.¹, Zoth N.¹, Fritzscheier K.H.², Diel P.¹, ¹Cologne, ²Berlin
- P2 5-5 Risk factors associated with the metabolic syndrome in abdominal obesity
Schneider H.J.¹, Klotsche J.², Friedrich N.³, Sievers C.¹, Lehnert H.⁴, Stalla G.K.¹, Wittchen H.-U.², Wallaschofski H.³, ¹Munich, ²Dresden, ³Greifswald, ⁴Lübeck
- P2 5-6 Caloric restriction increases serum free testosterone concentrations in metabolically healthy

obese male subjects by two distinct mechanisms

Schulte D.M.¹, Hahn M.², Heppner C.³, Malchau G.², Oberhäuser F.², Güdelhöfer H.², Krone W.², Laudes M.¹, ¹Kiel, ²Cologne, ³Göttingen

P2 5-7 Activity thermogenesis, depressiveness and coping in subjects with high-grade obesity intending to undergo bariatric surgery
Elbelt U.¹, Ahnis A.¹, Riedl A.¹, Burkert S.¹, Schuetz T.², Strasburger C.J.¹, Klapp B.F.¹, ¹Berlin, ²Leipzig

P2 5-8 Comparison of healthy obese with postbariatric patients - metabolic and vascular patterns
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Müller K.¹, Uyak D.², Derwahl M.¹, ¹Berlin, ²Hamburg

P2 5-10 Metformin for weight reduction in obese patients in an intention-to-treat outpatient setting
Pesce A.¹, Müller-Wieland D.¹, Schulte H.M.¹, Janssen O.E.¹, ¹Hamburg

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Gonaden

Vorsitz: Bettina Toth, Heidelberg

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P2 6-2 Evaluation of ovarian retransplantation in 4 patients at the Department for Gynecological Endocrinology and Fertility Disorders at the University Clinics of Heidelberg
Toth B.¹, Liebenthron J.², Montag M.¹, Köster M.², Jauckus J.¹, Germeyer A.¹, Rösner S.¹, Strowitzki T.¹, ¹Heidelberg, ²Bonn

P2 6-3 Identification of proNGF - NGF and their receptors in the ovary
Ströbl S.¹, Berg D.¹, Berg U.¹, Dissen G.A.², Ojeda S.R.², Mayerhofer A.¹, ¹München, ²Beaverton

P2 6-4 Evidence of a phenotype switch of smooth muscle-like testicular peritubular cells in men with impaired spermatogenesis (mixed atrophy syndrome): Is male infertility a smooth muscle disease?
Welter H.¹, Lauf S.¹, Feil R.², Köhn F.M.¹, Mayerhofer A.¹, ¹Munich, ²Tübingen

P2 6-5 Pigment Epithel Derived Factor (PEDF) - a novel player in the human testis
Kampfer C.¹, Windschüttl S.¹, Hebele S.¹, Schwarzer U.², Köhn F.M.¹, Fröhlich T.¹, Arnold G.¹, Mayerhofer A.¹, ¹München, ²Freising

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Fürst R.W.¹, Pistek V.L.¹, Kliem H.¹, Skurk T.¹, Hauner H.¹, Meyer H.H.D.¹, Ulbrich S.E.¹, ¹Freising

P2 6-7 Novel P450c17 (CYP17) mutation in exon 1 as a cause of male pseudohermaphroditism
Athanasoulia A.P.¹, Auer M.¹, Stalla G.K.¹, ¹Munich

Hypophyse/Neuroendokrinologie II

Vorsitz: Christian Strasburger, Berlin

P2 7-1 Clinical spectrum of TSH-secreting pituitary tumors
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P2 7-2 Hypophysitis after ipilimumab: case reports
Lammert A.¹, Krämer B.¹, Rose D.¹, Hammes H.-P.¹, Benck U.¹, ¹Mannheim

P2 7-3 The development of the Tuebingen Cushing's disease quality of life inventory (Tuebingen CD-25). Construction, psychometric properties and normative data from a healthy population
Psaras T.¹, Milian M.¹, ¹Tübingen

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Haring R.¹, Völzke H.¹, Vasan R.S.², Felix S.B.¹, Nauck M.¹, Dörr M.¹, Wallaschofski H.¹, ¹Greifswald, ²Boston

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Kosilek R.P.¹, Schopohl J.¹, Grünke M.², Dimopoulou C.¹, Stalla G.K.², Reincke M.¹, Günther M.³, Würtz R.P.³, Schneider H.J.¹, ¹Munich, ²München, ³Bochum

P2 7-8 Hypothalamic expression profiling of Trace amine-associated receptors 1 and 5
Pratzka J.¹, Yi C.-X.², Nürnberg D.¹, Krude H.¹, Grüters A.¹, Kleinau G.¹, Tschöp M.^{3,4}, Biebermann H.¹, ¹Berlin, ²Cincinnati, ³Neuherberg, ⁴Munich

P2 7-9 A retrospective follow-up study of 33 patients with central nervous system germinoma
Rotermund R.¹, Burkhardt T.¹, Martens T.¹, Brenninkmeyer J.¹, Westphal M.¹, Flitsch J.¹, ¹Hamburg

Verschiedenes

Vorsitz: Onno Janssen, Hamburg

- P2 8-1 Polyhydroxylated C₆₀ fullerenes may be used for diverse ovarian applications
Neulen J.¹, Motejlek K.¹, ¹Aachen
- P2 8-2 Preliminary studies for a future use of C₆₀ fullerenes in the treatment of benign ovarian tumors
Böhme J.K.¹, Neulen J.¹, Motejlek K.¹, ¹Aachen
- P2 8-3 Influence of bleeding disorders on recurrent miscarriage ROTEM®- and Multiplate® analysis - a new approach?
Goldammer K.¹, Toth B.¹, Krauser U.¹, Brenner T.¹, Strowitzki T.¹, Hofer S.¹, Beuter-Winkler P.¹,
¹Heidelberg
- P2 8-4 Evaluation of LC-MS/MS for the determination of serum steroids in clinical routine analysis
Herok R.¹, Ceglarek U.¹, Kortz L.¹, Thiery J.¹, Kulle A.², Riepe F.², Rauh M.³, Wudy S.⁴, Hartmann M.⁴, Kratzsch J.¹, ¹Leipzig, ²Kiel, ³Erlangen-Nuremberg, ⁴Gießen
- P2 8-5 Analysis of different blood sample pre-treatment conditions on hormone concentrations in rats
Popp S.¹, Bielohuby M.¹, Meurer S.¹, Horngacher A.¹, Bidlingmaier M.¹, ¹Munich
- P2 8-6 Activation of GPR83 by mutations and zinc-ions
Müller A.¹, Kleinau G.¹, Grüters A.¹, Krude H.¹, Müller T.D.², Tschöp M.^{2,3}, Biebermann H.¹,
¹Berlin, ²Neuherberg, ³Munich
- P2 8-7 The measurement of steroids in Polycystic Ovarian Syndrome (PCOS) queries is improved using Ultra-Performance Liquid Chromatography/ Mass Spectrometry (UPLC/MSMS), compared to Radioimmuno assay (RIA)
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- P2 8-8 Ghrelin levels in fasting subjects
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- P2 8-9 Association between serum insulin-like growth factor I or IGF-binding protein 3 and estimated glomerular filtration rate
Dittmann K.¹, Wallaschofski H.¹, Rettig R.¹, Stracke S.¹, Endlich K.¹, Völzke H.¹, Nauck M.¹,
Friedrich N.¹, ¹Greifswald
- P2 8-10 Effects of a chronic dietary genistein exposure on the uterine myometrium of prepubertal Wistar rats
Möller F.J.¹, Ledwig C.², Zierau O.¹, Hertrampf T.², Degen G.H.³, Diel P.R.², Vollmer G.¹,
¹Dresden, ²Cologne, ³Dortmund