

17.00 – 18.00

PS1**Diabetes und Stoffwechsel 1**

Vorsitz: Sven Schinner, Düsseldorf

- P001 A case of extreme insulin resistance due to high levels of insulin receptor autoantibodies (type B insulin resistance)
Manikas E.D.¹, Semple R.K.², Führer D.¹, Moeller L.C.¹ ¹Essen, ²Cambridge
- P002 Asymptomatic spondylodiscitis and epidural abscess in „newly“ diagnosed diabetes mellitus
Harsch I.A.¹, Berghäuser K.-H.¹, Konturek P.C.¹ ¹Saalfeld/Saale
- P003 p8 is a novel intracellular mediator of pancreatic β -cell protection that preserves insulin secretory function during inflammatory cell stress in vivo
Mehana A.E.¹, Pilz I.¹, Dufner B.¹, Jäger C.¹, Sojka S.¹, Baumann J.¹, Alt M.¹, Liu C.¹, Perakakis N.¹, Laubner K.¹, Mihic-Necic B.¹, Päch G.¹, Seufert J.¹ ¹Freiburg
- P004 Short-term regulation of visfatin release in vivo by oral lipid ingestion and in vitro by fatty acid stimulation
Schmid A.¹, Karrasch T.¹, Leszczak S.², Bala M.², Ober I.², Martin J.², Kopp A.², Schäffler A.¹ ¹Gießen, ²Regensburg
- P005 The anti-inflammatory protein p8 protects pancreatic islets from diabetogenic lipotoxic injury ex vivo
Mihic-Necic B.¹, Mehana A.E.¹, Parsons L.^{1,2}, Liu C.¹, Baumann J.¹, Perakakis N.¹, Laubner K.¹, Seufert J.¹, Päch G.¹ ¹Freiburg, ²Cardiff
- P006 Distinct role of complement anaphylatoxin receptors C5aR and C3aR in obese adipose tissue inflammation and insulin resistance
Phielers J.¹, Chung K.-J.¹, Chatzigeorgiou A.¹, Klotzsche-von Ameln A.¹, Garcia-Martin R.¹, Bornstein S.R.¹, Lambris J.D.², Chavakis T.¹ ¹Dresden, ²Philadelphia
- P007 Humoral factors by human bone marrow-derived MSC enhance beta cell proliferation via ERK1/2 signalling
Liu C.¹, Lang L.¹, Mihic-Necic B.B.¹, Mehana A.E.¹, Baumann J.¹, Perakakis N.¹, Laubner K.¹, Seufert J.¹, Päch G.¹ ¹Freiburg
- P008 Translation of diabetogenic viruses and secretory granule proteins in beta cells
Knoch K.-P.¹, Nath-Sain S.¹, Petzold A.¹, Wegbroth C.¹, Sönmez A.¹, Lachnit M.¹, Friedrich A.¹, Roivainen M.², Solimena M.¹ ¹Dresden, ²Helsinki
- P009 Mast cell protease-4 mediates obesity-related metabolic dysregulation in mice by targeting body levels of adiponectin
Chmelar J.¹, Chatzigeorgiou A.¹, Chavakis T.¹ ¹Dresden
- P010 The CYP27B1 polymorphism and the IFN- γ production of T-cells in type 1 diabetes
Morán-Auth Y.¹, Penna-Martinez M.¹, Laso K.¹, Harant V.¹, Badenhoop K.¹ ¹Frankfurt am Main
- P011 Altered methylglyoxal metabolism identifies patients with late diabetic complications
Groener J.B.¹, Blachutzik F.¹, Oikonomou D.¹, Kliemank E.¹, Fleming T.¹, Nawroth P.P.¹ ¹Heidelberg
- P012 A high-fat diet during pregnancy and lactation targets GIP-regulated metabolic pathways in male offspring in mice
Kruse M.^{1,2,3}, Keyhani-Nejad F.^{1,2,3}, Isken F.^{1,2,3}, Nitz B.³, Ludwig T.³, Osterhoff M.^{1,2,3}, Grallert H.³, Pfeiffer A.F.H.^{1,2,3} ¹Nuthetal, ²Berlin, ³Neuherberg
- P013 Mutations in the coding region of GIPR gene are not frequent in obese children with insulin resistance
Jacobi S.E.¹, Wiegand S.¹, Ernert A.¹, Kühnen P.¹, Raile K.¹, Krude H.¹, Biebermann H.¹ ¹Berlin
- P014 The insulin-biosynthesis-impairing MADD rs10501320 genetic polymorphism is associated with gestational diabetes in European populations
Perakakis N.¹, Potasso L.¹, Lamprinou A.¹, Polyzou E.², Kassanos D.², Peter A.³, Rasenack R.¹, Päch G.¹, Seufert J.¹, Laubner K.¹ ¹Freiburg, ²Athens, ³Tübingen

PS1

Endokrinologie, Onkologie und endokrine Tumoren 1

Vorsitz: Matthias Schott, Düsseldorf

- P015 Expression of RSUME and its role in angiogenic factor production in pancreatic neuroendocrine tumors
Wu Y.¹, Tedesco L.², Schlitter M.¹, Lucia K.¹, Esposito I.¹, Stalla G.K.¹, Arzt E.², Renner U.¹ ¹Munich, ²Buenos Aires
- P016 Can nuclear cathepsin variants promote tumor progression in the thyroid?
Tedelind S.¹, Perera R.¹, Yurtdas Y.¹, Pinzaru A.¹, Szumska J.¹, Rehders M.¹, Scott C.J.², Burden R.², Führer D.³,
Brix K.¹ ¹Bremen, ²Belfast, ³Essen
- P017 Differential TNF α and Toll-like-receptor 4-signaling in endocrine tumors after tumor-vascular-disrupting agent ASA404 (vadimezan) and TNF α treatment
Hantel C.¹, Lira R.², Ozimek A.¹, Frantsev R.¹, Reincke M.¹, Mussack T.¹, Beuschlein F.¹ ¹Munich, ²Ribeirão Preto
- P018 Poster wurde zurückgezogen
- P019 Mitotane induces endoplasmic reticulum stress triggering apoptosis and decrease of steroid hormone synthesis
Sbiera S.^{1,2}, Wiemer L.¹, Leich E.¹, Gehl A.¹, Gardill F.¹, Ronchi C.L.¹, Bala M.¹, Schirbel A.¹, Rosenwald A.¹, Allolio B.¹, Fassnacht M.^{1,2}, Kroiss M.¹ ¹Würzburg, ²München
- P020 Endocrine effects and mental health in long term survivors after diagnosis of brain tumour, Hodgkin's or Non-Hodgkin's Lymphoma: A registry based study in Schleswig-Holstein based on adults
Waldmann A.¹, Bethge D.¹, Marxsen A.¹, Lehnert H.¹, Katalinic A.¹, Brabant G.¹ ¹Lübeck
- P021 The driving force of craniopharyngioma growth
Stache C.¹, Hölsken A.¹, Schlaffer S.M.¹, Hess A.¹, Metzler M.¹, Fahlbusch R.², Flitsch J.³, Buchfelder M.¹, Buslei R.¹ ¹Erlangen, ²Hannover, ³Hamburg
- P022 Effects of thyroid hormones T3 and T4 on mesenchymal stem cell differentiation
Schmohl K.A.¹, Mueller A.M.¹, Knoop K.¹, Schwenk N.¹, Wechselberger A.¹, Nelson P.J.¹, Spitzweg C.¹ ¹Munich
- P023 The impact of claudin-1 on thyroid cancer invasion
Zwanziger D.¹, Rehn S.¹, Badziong J.¹, Jaeger A.¹, Ting S.¹, Schmid K.-W.¹, Führer D.¹ ¹Essen
- P024 Licorice-induced hypokalemic myopathy in a 59-year-old female patient
Fourkiotis V.¹, Bergmann S.R.¹, Kann P.H.¹ ¹Marburg
- P025 Aggressive treatment of a 51 year old patient with anaplastic thyroid cancer with over one year survival
Tiedje V.¹, Ting S.¹, Schmid K.W.¹, Moeller L.C.¹, Führer D.¹ ¹Essen
- P026 A case of Multiple Endocrine Neoplasia Type 1 presenting with hyponatremia, hypokalemia, hypercalcemia and abdominal pain
Willms A.¹, Sippel W.¹, Siegmund T.¹, Schumm-Draeger P.M.¹ ¹Munich

PS1

Hypophyse 1

Vorsitz: Stephan Petersenn, Hamburg

- P027 Diabetes insipidus and secondary hypogonadism due to vasculitis of the pituitary gland
Laubner K.¹, Perakakis N.¹, Thiel J.¹, Reinacher P.¹, Prinz M.¹, Seufert J.¹ ¹Freiburg
- P028 Effects of stereotactic surgery after acromegaly - Long-term results from the German Acromegaly Registry
Schneider H.J.¹, Franz H.², Schopohl J.¹, Grußendorf M.³, Tönjes A.⁴, Honegger J.⁵, Schöfl C.⁶ ¹Munich, ²Berlin, ³Stuttgart, ⁴Leipzig, ⁵Tübingen, ⁶Erlangen

- P029 Copeptin in the Diagnosis and Differential Diagnosis of Diabetes Insipidus - The ,CoSIP-Study'
 Timper K.¹, Fenske W.², Katan M.³, Kühn F.⁴, Arici B.¹, Schütz P.⁵, Frech N.¹, Rutishauser J.⁶, Kopp P.⁷, Stettler C.⁴, Müller B.⁵, Christ Crain M.¹ ¹Basel, ²Leipzig, ³Zürich, ⁴Bern, ⁵Aarau, ⁶Bruderholz, ⁷Chicago
- P030 Personality traits in patients with active and controlled acromegaly: A cross sectional multi-center study
Zimmermann A.¹, Zwerenz R.¹, Droste M.², Schöfl C.³, Strasburger C.J.⁴, Plöckinger U.⁴, Honneger J.⁵, Dixius A.¹, Beutel M.E.¹, Weber M.M.¹ ¹Mainz, ²Oldenburg, ³Erlangen, ⁴Berlin, ⁵Tübingen
- P031 Comparison of 2D HD and 3D endoscopy during surgery for perisellar pathologies
Gerlach R.¹, Meyer A.¹, Kellner G.¹ ¹Erfurt
- P032 C-terminal Hsp90 inhibitors restore glucocorticoid sensitivity in an experimental model for Cushing's disease
Riebold M.¹, Theodoropoulou M.¹, Kozany C.¹, Hausch F.¹, Stalla G.K.¹, Paez-Pereda M.¹ ¹Munich
- P033 Interdisciplinary care in hormonally active pituitary adenomas - Long-term outcome after stereotactic radiotherapy/radiosurgery in acromegaly patients
Meyer A.¹, Albrecht J.¹, Hamm K.¹, Lamster E.¹, Scharf J.-G.¹, Gerlach R.¹ ¹Erfurt
- P034 Analysis of the value of bilateral inferior petrosal Sinus sampling (BIPSS) in Cushing's syndrome. Can BIPSS be employed to guide surgical resection?
Wang Y.¹, Hammersen S.¹, Diederich S.¹, Moskopp D.¹ ¹Berlin
- P035 Is early repeat surgery a feasible concept for potential incomplete resection in acromegaly?
Rotermund R.¹, Lautenbach A.¹, Burkhardt T.¹, Schulze zur Wiesch C.¹, Aberle J.¹, Flitsch J.¹ ¹Hamburg

PS1

Knochenstoffwechsel

Vorsitz: *Elena Tsourdi, Dresden*

- P036 Novel Mechanisms of the glucocorticoid receptor in inflammatory bone disease and bone loss
 Baschant U.¹, Koenen M.¹, Culemann S.², Schauer S.¹, Ahmad M.¹, Wittig-Blaich S.¹, Knoll J.², Kroll T.², Krönke G.³, Dudeck A.⁴, Rauner M.⁴, Seibel M.⁵, Ploubidou A.², Hofbauer L.⁴, Zhou H.⁵, Tuckermann J.^{1,2}
¹Ulm, ²Jena, ³Erlangen, ⁴Dresden, ⁵Sydney
- P037 Improvement of osteoblast function and effect of intermittent PTH therapy in high glucose conditions via blocking of N-linked glycosylation
Picke A.-K.¹, Hamann C.¹, Rauner M.¹, Hofbauer L.C.¹ ¹Dresden
- P038 CaSR mutants disrupting the disulfide bond between C582 and C568 in the cysteine-rich domain of the CaSR do not act as dominant negative mutants
Letz S.¹, Elbelt U.², Strasburger C.J.², Haag C.³, Schulze E.³, Frank-Raue K.³, Raue F.³, Mayr B.¹, Schöfl C.¹
¹Erlangen, ²Berlin, ³Heidelberg
- P039 The vitamin D receptor gene polymorphism Apa1 influences bone mineral density in patients with primary hyperparathyroidism
Lien E.A.¹, Mellgren G.¹, Christensen M.H.E.¹ ¹Bergen
- P040 Higher 24-h urinary free cortisone, but not cortisol is associated with impaired cortical bone status at the proximal radius in healthy children
Shi L.¹, Sánchez-Guijo A.², Hartmann M.F.², Schönau E.³, Wudy S.A.², Remer T.¹ ¹Dortmund, ²Gießen, ³Cologne
- P041 Severe but not neonatally lethal. A homozygous inactivating CaSR mutation in a 3 year old child
 Schnabel D.¹, Letz S.², Lankes E.¹, Mayr B.², Schöfl C.² ¹Berlin, ²Erlangen

- P042 Ovulation influences bone metabolism in women undergoing controlled ovarian stimulation
Seifert-Klauss V.¹, Ritzinger A.C.¹, Lesoine B.¹, Kiechle M.¹, Schmidmayr M.¹, Berg D.¹ ¹München
- P043 Implausible high bone mass density scores as assessed at the lumbar spine by dual X-ray absorptiometry and their correlation with conventional X-ray studies
Nigge A.¹, Fritzen R.¹, Haase M.¹, Schinner S.¹, Schott M.¹, Willenberg H.S.¹ ¹Düsseldorf
- P044 Von Recklinghausen's disease of bone with multiple osteolyses and bone fractures due to malnutrition in an 83 years old patient
Perakakis N.¹, Parsons L.², Seufert J.¹, Laubner K.¹ ¹Freiburg, ²Cardiff
- P045 The impact of shared-decision-making on persistence in Osteoporosis-Therapy
Schlammerl K.¹, Seifert-Klauss V.¹ ¹München

PS1

Mechanismen der Adipositas

Vorsitz: Valéria Lamounier-Zepter, Dresden

- P046 Sleep characteristics in transsexuals receiving cross-sex hormone treatment
Auer M.K.¹, Höhne N.¹, Bazarra-Castro M.Á.¹, Stalla G.K.¹, Ising M.¹, Sievers C.¹ ¹Munich
- P047 What causes long-lasting psychosocial impairment in patients with Cushing's disease? An analysis of possible influencing factors
Siegel S.¹, Starz D.¹, Kohlmann J.¹, Schlawer S.¹, Psaras T.², Buchfelder M.¹, Kreitschmann-Andermahr I.^{1,3}
¹Erlangen, ²Tuebingen, ³Essen
- P048 59 year old woman after a bariatric procedure with obesity and hypoglycemia - a case report
Kacperczyk J.P.¹, Orlewski J.¹, Bartnik P.J.¹, Kaczmarska-Turek D.¹, Bednarczuk T.¹ ¹Warsaw
- P049 Wnt1 inducible signaling pathway protein 1 (WISP1) is a novel adipokine linked to inflammation and insulin resistance in visceral fat
Murahovschi V.^{1,2}, Pivovarova O.^{1,2}, Ilkavets I.³, Döcke S.^{1,2}, Dmitrieva R.⁴, Keyhani Nejad F.^{1,2}, Gögebakan Ö.^{1,2}, Osterhoff M.^{1,2}, Klötting N.⁵, Stockmann M.², Neuhaus P.², Conradi A.⁴, Dooley S.³, von Loeffelholz C.^{2,6}, Blüher M.⁵, Pfeiffer A.F.H.^{1,2}, Rudovich N.^{1,2} ¹Nuthetal, ²Berlin, ³Mannheim, ⁴Saint Petersburg, ⁵Leipzig, ⁶Jena
- P050 Eating behaviour and weight problems in long-term survivors of childhood craniopharyngioma – results of the HIT ENDO trial
Postma F.P.^{1,2}, Hoffmann A.¹, Gebhardt U.¹, Müller H.L.¹, Study committee of KRANIOPHARYNGEOM 2000 / 2007 ¹Oldenburg, ²Groningen
- P051 The role of Repin1 in adipose tissue
Hesselbarth N.¹, Döbel V.¹, Böge E.¹, Kern M.¹, Stumvoll M.¹, Blüher M.¹, Klötting N.¹ ¹Leipzig
- P052 Analysis of novel obesity genes with the aid of congenic rats
Maak A.¹, Klötting I.², Stumvoll M.¹, Klötting N.¹ ¹Leipzig, ²Karlsburg
- P053 Poster wurde zurückgezogen
- P054 How do our patients try to loose weight? Changes in activity thermogenesis and physical activity patterns in obese subjects intending weight loss
Elbelt U.¹, Schuetz T.², Knoll N.¹, Burkert S.¹ ¹Berlin, ²Leipzig
- P055 Long-term weight development and psychosocial status in childhood Craniopharyngioma patients
Sterkenburg A.^{1,2}, Hoffmann A.¹, Gebhardt U.¹, Müller H.L.¹, on behalf of the study committee KRANIOPHARYNGEOM 2000 / 2007 ¹Oldenburg, ²Groningen

- P056 Effects of spontaneous and training induced physical activity on the body composition of OVX rats
Weigt C.¹, Flenker U.¹, Diel P.¹ ¹Köln
- P057 Nicotinamide nucleotide transhydrogenase (NNT) is associated with obesity in mice
Kunath A.¹, Kern M.¹, Heiker J.T.¹, Flehmig G.¹, Knigge A.¹, Stumvoll M.¹, Blüher M.¹, Klötting N.¹ ¹Leipzig
- P058 Immune modulatory effects of sex hormones and leptin on monocytes and CD4⁺ T cells
Beck I.¹, Schmidt-Weber C.¹, Eyerich K.¹, Chen W.¹, Traidl-Hoffmann C.^{1,2} ¹Munich, ²Augsburg
- P059 The I148M variant in PNPLA3 is associated with altered hepatic lipid composition in humans
Peter A.^{1,2}, Kovarova M.^{1,3}, Königsrainer A.¹, Machicao F.^{1,2}, Stefan N.^{1,2}, Häring H.-U.^{1,2}, Schleicher E.^{1,2}
¹Tübingen, ²Neuherberg, ³Pardubice

PS1

Nebenniere, Steroide und Hypertonie 1

Vorsitz: Max Bielohuby, München

- P060 Determination of free cortisol and free cortisone in human urine by on-line turbulent flow chromatography coupled to liquid chromatography-tandem mass spectrometry (TFC-HPLC-MS/MS)
Sánchez Guijo A.¹, Hartmann M.F.¹, Shi L.², Remer T.², Wudy S.A.¹ ¹Gießen, ²Dortmund
- P061 Early metabolic alterations and cardiovascular risk in patients with classic congenital adrenal hyperplasia (CAH). Are they reversible by life-style intervention?
Zimmermann A.¹, Rossmann H.¹, Alkhzouz C.², Bucerzan S.², Nascu I.², Weber M.M.¹, Grigorescu-Sido P.²
¹Mainz, ²Cluj-Napoca
- P062 Treatment of refractory adrenocortical carcinoma with thalidomide: results of a retrospective analysis of 15 patients
Deutschbein T.¹, Fassnacht M.², Körbl D.¹, Heidemeier A.¹, Ronchi C.L.¹, Beuschlein F.², Neu B.², Quinkler M.³, Bala M.¹, Hahner S.¹, Allolio B.¹, Kroiss M.¹ ¹Würzburg, ²München, ³Berlin
- P063 Age below 40 or a recently proposed clinical prediction score cannot bypass adrenal venous sampling in primary aldosteronism: Results of the Else Kröner-Fresenius Hyperaldosteronismus Registry
Riester A.¹, Fischer E.¹, Degenhart C.¹, Reiser M.F.¹, Bidlingmaier M.¹, Beuschlein F.¹, Reincke M.¹, Quinkler M.²
¹Munich, ²Berlin
- P064 Primary aldosteronism - prevalence and prognosis in primary care
Kellnar A.¹, Fischer E.¹, Lenzer B.¹, Riester A.¹, Pallauf A.¹, Bidlingmaier M.¹, Beuschlein F.¹, Schelling J.¹, Reincke M.¹ ¹Munich
- P065 Adrenal vein sampling under mineralocorticoid receptor antagonistic therapy
Haase M.¹, Riester A.², Kröpil P.¹, Hahner S.³, Degenhart C.², Willenberg H.S.¹, Reincke M.² ¹Düsseldorf, ²Munich, ³Würzburg
- P066 Post saline infusion test aldosterone levels indicate severity and outcome in primary aldosteronism
Weigel M.¹, Riester A.², Hanslik G.¹, Lang K.³, Endres S.², Allolio B.³, Beuschlein F.², Reincke M.², Quinkler M.¹
¹Berlin, ²Medizinische Klinik und Poliklinik IV, ³Würzburg
- P067 Identification and characterization of chromaffin progenitor cells in murine adrenal medulla
Rubin de Celis M.F.¹, Garcia-Martin R.¹, Diaz Valencia G.A.¹, Chavakis T.¹, Bornstein S.R.¹, Androutsellis-Theotokis A.¹, Ehrhart-Bornstein M.¹ ¹Dresden
- P068 Cardiovascular complications during medication adjustment for the diagnosis of primary aldosteronism
Shlyakhova M.¹, Lenders J.W.^{1,2}, Deinum J.¹ ¹Nijmegen, ²Dresden

- P069 An automated chemiluminescence immunoassay for the determination of cortisol and its application on Adrenal Vein Sampling
Grimminger P.¹, Osswald A.¹, Reincke M.¹, Roffe C.M.², Bidlingmaier M.¹ ¹München, ²Boldon
- P070 Studies on the expression and function of different melanocortin receptors in mediating the proliferative activity of adrenocortical cells by „corticotropin“
Pohlman A.¹, Haase M.¹, Ehlers M.¹, Funk B.¹, Schinner S.¹, Schott M.¹, Willenberg H.S.¹ ¹Düsseldorf

PS1

Reproduktionsmedizin und -biologie, gynäkologische Endokrinologie

Vorsitz: *Christoph Keck, Berlin*

- P071 Dehydroepiandrosterone sulfate mediates activation of transcription factors ATF-1 and CREB via a G-protein coupled receptor interacting with Gna11 (subproject 9, DFG research group 1369 „Sulfated Steroids in Reproduction“)
Shihan M.¹, Scheiner-Bobis G.¹ ¹Gießen
- P072 The role of steroid sulfates in the regulation of the steroid hormone biosynthesis (DFG research group 1369 „Sulfated Steroids in Reproduction“, subproject 1)
Neunzig J.¹, Sánchez-Guijo A.², Wudy S.², Bernhardt R.B.¹ ¹Saarbrücken, ²Gießen
- P073 Steroid sulfotransferases in the porcine testis and epididymis (subproject 3, DFG research group 1369 „Sulfated Steroids in Reproduction“)
Schuler G.¹, Dezhkam Y.¹, Bingsohn L.¹, Klymiuk M.C.¹, Hartmann M.F.¹, Sánchez-Guijo A.¹, Wudy S.A.¹, Hoffmann B.¹ ¹Gießen
- P074 Expression and activity of 3 β -hydroxysteroid dehydrogenase (3 β -HSD) in the porcine testis and epididymis
Klymiuk M.C.¹, Hoffmann B.¹, Bingsohn L.¹, Dezhkam Y.¹, Schuler G.¹ ¹Gießen
- P075 Intrafollicular sulfated steroids might affect the developmental capacity of oocytes in cattle (subproject 10, DFG research group 1369 „Sulfated Steroids in Reproduction“)
Wrenzycki C.¹, Blaschka C.¹, Stinshoff H.¹ ¹Gießen
- P076 Weight loss impact on hyperandrogenia in females with polycystic ovarian syndrome
Stoian D.I.¹, Craciunescu M.², Anastasiu D.D.¹, Craina M.¹ ¹Timisoara, ²Timiosara
- P077 Long-term follow-up of PCOS-patients - the LIPCOS Trial
Stassek J.¹, Ohnolz F.¹, Erdmann J.², Berg D.¹, Kiechle M.¹, Seifert-Klauss V.¹ ¹München, ²Weidenbach
- P078 Determination of within-laboratory reference ranges for the hormones estradiol, LH, FSH and progesterone dependent on the menstruation cycle day
Praße D.¹, Wobus A.¹, Schottmann B.¹ ¹Dresden

PS1

Schilddrüse 1

Vorsitz: *Jürgen Gräßler, Dresden*

- P079 Dicer1 plays a crucial role in thyroid function and goiter development in mice
Undeutsch H.¹, Löf C.¹, Poutanen M.¹, Kero J.¹ ¹Turku
- P080 Epitope specific immunity in Hashimoto's thyroiditis and papillary thyroid carcinoma: is there a correlation?
Ehlers M.¹, Papewalis C.¹, Bernecker C.¹, Haase M.¹, Allelein S.¹, Schinner S.¹, Willenberg H.S.¹, Hautzel H.¹, Feldkamp J.², Schott M.¹ ¹Duesseldorf, ²Bielefeld
- P081 Functional and metabolic responses of thyrocytes to 3-Iodothyronamine (3-T₁AM)
Schanze N.¹, Köhrle J.¹ ¹Berlin

- P082 MCT 8 and LAT 2 expression in differentially functioning benign and malignant thyroid tumors
 Ting S.¹, Tiedje V.¹, Badziong J.¹, Selich O.¹, Sheu S.-Y.¹, Moeller L.C.¹, Weber J.², Schmid K.W.¹, Brix K.², Führer D.¹, Zwanziger D.¹ ¹Essen, ²Bremen
- P083 TAAR expression in thyroid epithelial cell lines as to establish an in vitro-model for signalling analysis
Qatato M.¹, Amoah A.¹, Szumska J.¹, Venugopalan V.¹, Babusyte A.², Dinter J.³, Krautwurst D.², Biebermann H.³, Brix K.¹ ¹Bremen, ²Freising, ³Berlin
- P084 FOXO3a Polymorphism rs4946936 and its interaction with vitamin D in differentiated thyroid cancer
Röhlen N.¹, Döring C.¹, Hansmann M.-L.¹, Grünwald F.¹, Vorländer C.¹, Bechstein W.O.¹, Holzer K.¹, Zeuzem S.¹, Badenhoop K.¹, Penna-Martinez M.¹ ¹Frankfurt am Main
- P085 Phenotyping the mouse thyroid gland by semi-quantitative cell biology
Weber J.¹, Rehders M.¹, Saftig P.², Peters C.³, Reinheckel T.³, Schweizer U.⁴, Wirth E.⁵, Heuer H.⁶, Brix K.¹ ¹Bremen, ²Kiel, ³Freiburg, ⁴Bonn, ⁵Berlin, ⁶Düsseldorf
- P086 Structural and functional characterization of the human monocarboxylate transporter 8 N-terminus
Zwanziger D.¹, Schmidt M.¹, Biebermann H.², Schweizer U.³, Führer D.¹ ¹Essen, ²Berlin, ³Bonn
- P087 New RET LYS808GLU germline mutation associated with multiple endocrine neoplasia 2a and late manifestation of medullary thyroid carcinoma
 Neustadt M.¹, Lincke T.¹, Kronenberger R.², Eszlinger M.¹, Paschke R.¹ ¹Leipzig, ²Merseburg
- P088 Expression profiles of thyroid hormone transporters Mct10 and Lat2 within the different intestinal segments of young and aged wild-type mice
Voigtlaender R.¹, Petzsch K.¹, Schmidt M.¹, Jaeger A.¹, Brix K.², Rehders M.², Zwanziger D.¹, Moeller L.C.¹, Schweizer U.³, Führer D.¹ ¹Essen, ²Bremen, ³Bonn
- P089 A newly discovered TSHR variant (L665F) associated with non-autoimmune hyperthyroidism in an Austrian family induces constitutive TSHR activation by steric repulsion between TM1 and TM7
Schaarschmidt J.¹, Jaeschke H.¹, Eszlinger M.¹, Huth S.¹, Puttinger R.², Rittinger O.², Meiler J.³, Paschke R.¹ ¹Leipzig, ²Salzburg, ³Nashville
- P090 In quest of oral thyroxine resistance - three case reports with assumed intestinal malabsorption of levothyroxine
Voigtlaender R.¹, Bruhnke G.¹, Jaeger A.¹, Moeller L.C.¹, Schweizer U.², Führer D.¹ ¹Essen, ²Bonn
- P091 Evidence for thyromimetic action of 3,5-T₂ in diet-induced obese mice
Lietzow J.¹, Jonas W.², Köhrle J.¹ ¹Berlin, ²Nuthetal
- P092 Elucidating the actions of 3-Iodothyroacetic acid in thermoregulation and cardiovascular function
Hoefig C.S.¹, Warner A.¹, Vennström B.¹, Mittag J.¹ ¹Stockholm
- P093 Impact of integrated molecular diagnostics of air-dried Fine Needle Aspiration (FNA) smears of patients with nodular thyroid disease in a routine diagnostic setting
Eszlinger M.¹, Neustadt M.¹, Ruschenburg I.², Neumann A.³, Franzius C.⁴, Landvogt C.⁵, Adam S.⁶, Hammoser R.⁷, Molwitz T.⁸, Hach A.⁹, Feldmann B.¹⁰, Gratz S.¹⁰, Braun W.¹¹, Graf D.¹², Amro B.¹³, Niemann R.¹³, Santen R.¹⁴, Paschke R.¹ ¹Leipzig, ²Einbeck, ³Hannover, ⁴Bremen, ⁵Wiesbaden, ⁶Hamburg, ⁷Berlin, ⁸Stade, ⁹Bremerhaven, ¹⁰Stuttgart, ¹¹Augsburg, ¹²Lüneburg, ¹³Oldenburg, ¹⁴Frankfurt/Main

PS2

Diabetes und Stoffwechsel 2

Vorsitz: Valéria Lamounier-Zepter, Dresden

- P094 In vivo kinetics of islet compensation and dysfunction in a mouse model of diet-induced obesity and insulin resistance
Chen C.¹, Chouinard J.A.¹, Cohrs C.¹, Speier S.¹ ¹Dresden
- P095 Decreased secretion of GLP-1 and GLP-2 after oral glucose in obese versus lean healthy human subjects
Simon M.-C.¹, Strassburger K.¹, Nowotny B.¹, Zivehe F.¹, Kolb H.¹, Stehle P.², Hartmann B.³, Holst J.J.³, Schloot N.C.¹, Roden M.¹ ¹Düsseldorf, ²Bonn, ³Copenhagen
- P096 Type 2 Diabetes mellitus genetic risk variant T in TCF7L2 rs7903146 in women is associated with an increased probability of insulin therapy in gestational diabetes mellitus (GDM)
Potasso L.¹, Perakakis N.¹, Lamprinou A.¹, Polyzou E.², Kassanos D.², Peter A.³, Rasenack R.¹, Päch G.¹, Seufert J.¹, Laubner K.¹ ¹Freiburg, ²Athens, ³Tübingen
- P097 Dynamic changes of insulin resistance in patients with Gaucher disease type I (GD) under enzyme replacement therapy (ERT)
Zimmermann A.¹, Rossmann H.¹, Alkhzouz C.², Bucerzan S.², Nascu I.², Weber M.M.¹, Grigorescu-Sido P.² ¹Mainz, ²Cluj-Napoca
- P098 Identification of gene-networks associated with specific lipid metabolites by Weighted Gene Co-Expression Network Analysis (WGCNA)
Osterhoff M.A.^{1,2}, Frahnw T.¹, Seltmann A.-C.¹, Mosig A.S.³, Neunübel K.³, Sales S.⁴, Sampaio J.⁴, Hornemann S.¹, Kruse M.¹, Pfeiffer A.F.H.^{1,2} ¹Nuthetal, ²Berlin, ³Jena, ⁴Dresden
- P099 Endoscopic Duodenal-jejunal Bypass Liner (EndoBarrier®) for the treatment of type 2 diabetes mellitus
Laubner K.¹, Perakakis N.¹, Potasso L.¹, Schwacha H.¹, Seufert J.¹ ¹Freiburg
- P100 The role of GLP-1 in type 2 diabetes (T2D): effects of DPP-4 inhibition and GLP-1 receptor blockade
Aulinger B.A.¹, de Heer J.¹, Bedorf A.¹, Kutscherauer G.¹, Göke B.¹, Schirra J.¹ ¹München
- P101 Response to insulin and GLP-1 of pancreatic alpha-cells in mice with age and under high fat diet
Schinner S.¹, Funk B.¹ ¹Düsseldorf
- P102 Relationship between serum levels of sclerostin and metabolic risk factors in patients with gestational diabetes mellitus
Platz M.R.¹, Ebert T.¹, Kralisch S.¹, Wurst U.¹, Lossner U.¹, Jessnitzer B.¹, Blüher M.¹, Stumvoll M.¹, Fasshauer M.¹ ¹Leipzig
- P103 In need of glucose - case report of a rare cause of symptomatic hypoglycaemia
Grajceki D.S.¹, Klauschen F.¹, Pascher A.¹, Podrabsyk P.¹, Koch I.¹, Ruza A.¹, Pape U.-F.¹, Maasberg S.¹ ¹Berlin
- P104 Implantation of an endoscopically deployed duodenal-jejunal bypass Liner (DJBL) in obese type 2 diabetes subjects - 12 months follow up of eight subjects
Stratmann B.¹, Krepak Y.¹, Hauber M.¹, Lee-Barkey Y.H.¹, Fischer M.¹, Diethelm T.¹ ¹Bad Oeynhausen
- P105 Disturbed glucose homeostasis after sleep restriction is independent of the chronobiological time-point of sleep
Machleidt F.¹, Trost D.¹, Forck N.¹, Waltl M.¹, Lehnert H.¹, Schmid S.M.¹ ¹Lübeck
- P106 Dissociating negative energy balance and body composition during and after weight loss
Jumpertz-von Schwartzberg R.¹, Zeitz U.¹, Hampel D.¹, Boschmann M.², Spranger J.¹, Mai K.¹ ¹Berlin, ²Berlin-Buch

PS2**Endokrinologie, Onkologie und endokrine Tumoren 2**

Vorsitz: Christian Ziegler, Dresden

- P107 siRNA-mediated inhibition of the stemness-related Musashi pathway affects LIF receptor expression and prometastatic motility of human MDA-MB-231 breast cancer cells
Kohl A.¹, Kemper B.¹, Müller-Uthoff H.¹, Eich H.T.¹, Kiesel L.¹, Greve B.¹, Götte M.¹ ¹Münster
- P108 Streptozotocin-based chemotherapy in pNET: A single-centre experience
Lahner H.¹, Gromotka E.¹, Unger N.¹, Führer D.¹ ¹Essen
- P109 Contribution of miR-218-dependent EGFR-signaling to the radiation response of breast cancer cells
Wischmann F.J.¹, Pätzelt M.¹, Vijaya Kumar A.¹, Braun T.¹, Kemper B.¹, Ernst I.¹, Eich H.T.¹, Götte M.¹, Greve B.¹ ¹Münster
- P110 Outcome predictors of gastrinomas: The role of ENETS staging, grading and interdisciplinary treatment
Felder S.¹, Jann H.¹, Tischler E.¹, Pascher A.¹, Denecke T.¹, Prasad V.¹, Arsenic R.¹, Wiedenmann B.¹, Pavel M.¹, Pape U.-F.¹ ¹Berlin
- P111 DHB mutation testing in metastatic pheochromocytoma and paraganglioma: Is this required in patients with adrenaline-producing tumors?
Sue M.¹, Martucci V.², Frey F.¹, Lenders J.W.M.³, Timmers H.³, Pęczkowska M.⁴, Robledo M.⁵, Pacak K.², Eisenhofer G.¹ ¹Dresden, ²Bethesda, ³Nijmegen, ⁴Warsaw, ⁵Madrid
- P112 Quantitative detection of survivin protein in the serum of gastroenteropancreatic neuroendocrine neoplasia (GEP-NEN) patients - a promising new biomarker ?
Slotta J.¹, Georgieva I.¹, Kämmerer D.², Daum S.¹, Grabowski P.^{1,2} ¹Berlin, ²Bad Berka
- P113 Poster wurde zurückgezogen
- P114 Relevance of somatostatin receptor expression in pancreatic neuroendocrine tumors for treatment with somatostatin analogues
Brede S.¹, Brabant G.¹, Begum N.¹, Lehnert H.¹, Thorns C.¹ ¹Lübeck
- P115 A case of primary hyperparathyroidism associated with Cushing's syndrome due to an adrenal cortical adenoma
Peirounaki E.¹, Helmberger T.¹, Siegmund T.¹, Schumm-Draeger P.-M.¹ ¹Munich
- P116 Making sense of muscle and bone pain, is it the prostate?
Bergmann T.¹, Schoefl C.¹ ¹Erlangen
- P117 Patient with von Hippel-Lindau disease and paroxysmal explosive behavior
Orlewski J.¹, Kacperczyk J.P.¹, Bartnik P.J.¹, Kaczmarska-Turek D.¹, Bednarczyk T.¹ ¹Warsaw
- P118 An invasive giant prolactinoma with an extension to the apex of the right orbita in a 41 year old woman
Klar B.¹, Lamprecht G.¹, Reuter M.¹, Knauerhase A.¹ ¹Rostock

PS2**Hypophyse 2**

Vorsitz: Henrik Biering, Berlin

- P119 Adrenalectomy for central ACTH-dependent hypercortisolism: tap and scan
Knappe U.J.¹, Jaspers C.¹, Salbeck R.¹, Saeger W.², Willenberg H.³, Santen R.⁴, Feldkamp J.⁵, Ehlenz K.⁶ ¹Minden, ²Hamburg, ³Düsseldorf, ⁴Frankfurt, ⁵Bielefeld, ⁶Gießen

18:00 – 19:00

- P120 Ectopic ACTH-secreting pituitary adenomas
Knappe U.J.¹, Jaspers C.¹, Buschsieweke D.¹, Salbeck R.¹, Saeger W.², Ehlenz K.³, Feldkamp J.⁴, Mann A.⁵
¹Minden, ²Hamburg, ³Gießen, ⁴Bielefeld, ⁵Frankfurt
- P121 The process of diagnosing acromegaly - experiences of 165 patients
Kreitschmann-Andermahr J.^{1,2}, Kohlmann J.¹, Starz D.¹, Buslei R.¹, Schlaffer S.¹, Weber Carneiro R.¹,
Buchfelder M.¹, Siegel S.¹ ¹Erlangen, ²Essen
- P122 Maximum increase of ACTH during the CRH test is a useful criterion to distinguish between Cushing's
disease and ectopic Cushing's syndrome
Ritzel K.¹, Berr C.¹, Hierse S.¹, Reincke M.¹ ¹München
- P123 Validation of the KIGS growth prediction models in an independent cohort of a tertiary growth centre
Paschek J.¹, Jochens A.¹, Holterhus P.-M.¹ ¹Kiel
- P124 Case report: Cushing's disease
Sippel W.¹, Schumm-Draeger P.-M.¹ ¹Munich
- P125 Somatuline Autogel treatment in Acromegaly – 1 year data from SOPRANO study
Störmann S.¹, Schopohl J.¹, Flitsch J.², Bullmann C.², Gerbert B.³, Stalla G.K.¹, Finke R.⁴, Christ-Crain M.⁵,
Luger A.⁶, Hoffmanns P.⁷, Petersenn S.² ¹München, ²Hamburg, ³Dresden, ⁴Berlin, ⁵Basel, ⁶Wien, ⁷Ettlingen
- P126 Effectiveness and tolerability of lanreotide in acromegaly – preliminary data from a german database
analysis
Dimopoulou C.¹, Pickel J.¹, Stalla G.K.¹ ¹Munich
- P127 CSOM230B2410: Non-interventional study for the generation of long term safety and efficacy data of
pasireotide s.c. in patients with Cushing's disease (Post-Authorization Safety Study)
Schopohl J.¹, Aberle J.², Fleck J.³, Pedroncelli A.³, Droste M.⁴ ¹Munich, ²Hamburg, ³Basel, ⁴Oldenburg

PS2

Nebenniere, Steroide und Hypertonie 2

Vorsitz: Stefanie Hahner, Würzburg

- P128 The role of IL17 in systemic inflammation mediated downregulation of the endothelial anti-inflammatory
factor Del-1 in the adrenal gland and related HPA axis dysregulation
Kanczkowski W.¹, Chatzigeorgiou A.¹, Lehnert U.¹, Großklaus S.¹, Bornstein S.R.¹, Chavakis T.¹ ¹Dresden
- P129 Influence of antihypertensive medication on the screening parameter aldosterone to renin ratio in patients
with essential hypertension and primary aldosteronism
Gravot Y.M.¹, Riester A.¹, Fischer E.¹, Beuschlein F.¹, Bidlingmaier M.¹, Reincke M.¹ ¹Munich
- P130 Risks of catecholaminergic crisis following steroid administration in patients with an adrenal mass:
a literature review
Barrett C.¹, van Uum S.¹, Lenders J.W.^{2,3} ¹London, ²Dresden, ³Nijmegen
- P131 Glucocorticoid receptor polymorphisms rs6198 and rs41423247 and hydrocortisone dose
in Addison's disease
Schwartz J.¹, Penna-Martinez M.¹, Meyer G.¹, Shoghi F.¹, Willenberg H.², Ventz M.³, Seibler J.⁴, Hahner S.⁵,
Harsch I.⁶, Badenhop K.¹ ¹Frankfurt am Main, ²Düsseldorf, ³Berlin, ⁴München, ⁵Würzburg, ⁶Erlangen
- P132 Adrenal incidentaloma and subclinical Cushing's syndrome: a longitudinal follow-up by endoscopic
ultrasound (EUS)
Collienne M.¹, Timmesfeld N.¹, Kann P.H.¹ ¹Marburg

- P133 Retrospective evaluation of adrenal incidentalomas in a tertiary care institution
Askitis D.¹, Kloos C.¹, Battefeld W.¹, Wolf G.¹, Dirsch O.¹, Müller U.A.¹ ¹Jena
- P134 Utility of LC-MS/MS based adrenal venous steroid profiling: Should cortisol remain the gold standard for selectivity and comparisons to aldosterone?
Peitzsch M.¹, Dekkers T.², Haase M.³, Schultzekool L.J.², Hermus A.R.R.M.², Blondin D.³, Sweep F.C.G.J.², Antoch G.³, Siegert G.¹, Lenders J.², Deinum J.², Willenberg H.S.³, Eisenhofer G.¹ ¹Dresden, ²Nijmegen, ³Düsseldorf
- P135 The influence of different nutrition interventions on the circadian pattern of the glucocorticoid metabolism by twins
Hornemann S.^{1,2}, Maser-Gluth C.³, Jürchott K.², Pivovarov O.^{1,2}, Kramer A.², Busjahn A.², Pfeiffer A.F.^{1,2} ¹Nuthetal, ²Berlin, ³Heidelberg
- P136 Adrenal function after adrenalectomy for subclinical and overt Cushing's syndrome: A systematic review of the literature
Di Dalmazi G.¹, Reincke M.¹ ¹München
- P137 Transient pregnancy-induced Cushing's Syndrome with Aberrant Adrenal hCG receptor
Plöckinger U.¹, Tiling N.¹, Blankenstein O.¹, von Weizsäcker K.¹, Allolio B.², Kroiss M.², Hauptmann K.¹, Saeger W.³, Radke C.¹, Steinmüller T.¹, Rahman N.⁴, Chrusciel M.⁴, Doroszko M.⁴, Lacroix A.⁵, Huhtaniemi I.⁶, Quinkler M.¹ ¹Berlin, ²Würzburg, ³Hamburg, ⁴Turku, ⁵Montreal, ⁶London

PS2**Neuroendokrinologie**

Vorsitz: Vladimir Vukicevic, Dresden

- P138 Shift towards less radical, hypothalamus-sparing treatment strategies in childhood craniopharyngioma - Comparison between patients recruited in KRANIOPHARYNGEOM 2000 and 2007
Müller H.L.¹, Hoffmann A.¹, Gebhardt U.¹, Pietsch T.², Warmuth-Metz M.³, Kortmann R.-D.⁴, Calaminus G.⁵, Flitsch J.⁶, Study committee of KRANIOPHARYNGEOM 2000 / 2007 ¹Oldenburg, ²Bonn, ³Würzburg, ⁴Leipzig, ⁵Münster, ⁶Hamburg
- P139 CNS impact of the GLP-1-Estrogen conjugate on food-motivated behavior
Wolf S.¹, Vogel H.¹, Rabasa C.¹, Dickson S.L.¹, Finan B.², Tschöp M.H.², Schürmann A.³, Skibicka K.P.¹ ¹Gothenburg, ²Munich, ³Nuthetal
- P140 Diencephalic syndrome before diagnosis of childhood craniopharyngioma - Results of German multicenter studies on 485 long-term survivors after childhood craniopharyngioma
Hoffmann A.¹, Sterkenburg A.S.^{1,2}, Gebhardt U.¹, Müller H.L.¹, on behalf of the study committees of HIT Endo, KRANIOPHARYNGEOM 2000 / 2007 ¹Oldenburg, ²Groningen
- P141 Development of an ELISA Assay suitable for measurement of human plasma Oxytocin
Kacheva S.¹, Segiet H.¹, Streetz-van der Werf C.¹, Karges W.¹ ¹Aachen
- P142 Rabbits are a suitable animal model for the pre-clinical development of growth hormone agonists and antagonists
Bielohuby M.¹, Zarkesh-Esfahani S.H.^{2,3}, Manolopoulou J.⁴, Khorasgani M.T.², Aghili Z.S.², Wilkinson I.R.³, Ross R.J.³, Bidlingmaier M.¹ ¹München, ²Isfahan, ³Sheffield, ⁴Boldon

PS2

Schilddrüse 2

Vorsitz: Dominik Schulte, Kiel

- P143 Protocols for induction of hypothyroidism in mice validated by gene expression in liver and heart
Hönes S.¹, Horn S.², Boelen A.³, Zwanziger D.¹, Führer D.¹, Heuer H.², Moeller L.C.¹ ¹Essen, ²Jena, ³Amsterdam
- P144 Molecular analysis of residual ThinPrep material increases sensitivity and allows molecular diagnostics for non-diagnostic samples
Eszlinger M.¹, Krane J.², Cibas E.², Paschke R.¹ ¹Leipzig, ²Boston
- P145 Molecular mechanisms of sex-dependent thyroid hormone action on target tissues
Rakov H.¹, Engels K.¹, Zwanziger D.¹, Renders M.², Brix K.², Hoenes S.¹, Moeller L.C.¹, Führer D.¹ ¹Essen, ²Bremen
- P146 Role of 3,5-diiodothyronine in chronic kidney disease
Lehmpful I.¹, Anselmo J.², Koehrlé J.¹ ¹Berlin, ²Ponta Delgada
- P147 Expression and localization of trace amine-associated receptors in thyroid epithelial cells treated with cathepsin B and K inhibitors
Szumska J.¹, Qatato M.¹, Venugopalan V.¹, Rehders M.¹, Völker U.², Homuth G.², Biebermann H.³, Brix K.¹ ¹Bremen, ²Greifswald, ³Berlin
- P148 Screening and Management of postoperative Hypoparathyroidism induced Hypocalcemia in thyroidectomized patients on endocrine compared to surgical wards
Sauer N.¹, Pohl K.¹, Schulze zur Wiesch C.¹, Reining F.¹, Burkhardt T.¹, Flitsch J.¹, Aberle J.¹ ¹Hamburg
- P149 Role of real time elastography in preoperative diagnostic of solitary thyroid nodules
Stoian D.¹, Craina M.¹, Craciunescu M.¹, Lazar F.¹ ¹Timisoara
- P150 Investigation of potential effects on thyroglobulin processing enzymes and thyroid hormone transporters in thyroid glands of mice with induced hypo- or hyperthyroidism
Rehders M.¹, Weber J.¹, Engels K.², Rakov H.², Hönes S.², Führer D.², Biebermann H.³, Wirth E.³, Schweizer U.⁴, Heuer H.⁵, Möller L.², Brix K.¹ ¹Bremen, ²Essen, ³Berlin, ⁴Bonn, ⁵Düsseldorf
- P151 Towards a registry for rare malignant tumors of the thyroid
Wendler J.¹, Gast K.², Blaser R.², Kuhn K.A.², Fassnacht M.², Spitzweg C.², Kroiss M.¹ ¹Würzburg, ²München
- P152 Comparison of two protocols for induction of hyperthyroidism in mice
Engels K.¹, Rakov H.¹, Hönes S.¹, Zwanziger D.¹, Rehders M.², Brix K.², Möller L.C.¹, Führer D.¹ ¹Essen, ²Bremen
- P153 Autonomous functioning thyroid nodule in a 4 year old male child treated with radioiodine (I-131)
Khare A.¹, Jacob M.J.² ¹Bangalore, ²Mumbai
- P154 Pathophysiology of disseminated thyroid autonomy/toxic multinodular goiter (DISA)
Kirchner T.¹ ¹Offenbach
- P155 Thyroid hormone resistance
Blagieva R.¹, Merger S.¹, Porzner A.¹ ¹Ulm

PS2**Verschiedenes**

Vorsitz: Matthias Gruber, Dresden

- P156 The dose-dependent effect of Genistein on cardiac growth and gene expression is mediated via Estrogen receptor alpha
Niepelt A.¹, Nguyen B.T.², Kararigas G.³, Jarry H.¹ ¹Göttingen, ²Hanoi, ³Berlin
- P157 Model driven site-directed mutagenesis of the L-type amino acid transporter 2 reveals sensitive sites of the thyroid hormone 3,3'-T₂ uptake
Hinz K.¹, Kinne A.¹, Krause G.¹ ¹Berlin
- P158 The hinge region of glycoprotein hormone receptors is influenced by its adjacent domains particularly the transmembrane domain
Schaarschmidt J.¹, Huth S.¹, Paschke R.¹, Jäschke H.¹ ¹Leipzig
- P159 Vitamin D deficiency and its relation to physical capacity in patients with chronic obstructive pulmonary disease (COPD)
Scharla S.H.J.¹, Lempert U.G.¹, Schultz K.¹ ¹Bad Reichenhall
- P160 Analysis of the regulation of intracellular signaling pathways in peripheral blood cells in human studies
Markova M.¹, Schieß S.¹, Herder C.², Pfeiffer A.^{1,3}, Pivovarova O.^{1,3} ¹Nuthetal, ²Duesseldorf, ³Berlin
- P161 Advanced glycation endproducts in plasma of women without and with impaired glucose metabolism: Results from the SALIA-study
Teichert T.¹, Hellwig A.², Peßler A.², Hellwig M.², Vossoughi M.¹, Sugiri D.¹, Vierkötter A.¹, Schulte T.¹, Roden M.¹, Hoffmann B.¹, Schikowski T.^{1,3}, Luckhaus C.¹, Krämer U.¹, Henle T.², Herder C.¹ ¹Duesseldorf, ²Dresden, ³Basel

PS2**Diabetes und Stoffwechsel 3**

Vorsitz: Barbara Ludwig, Dresden

- P162 Transplacental transmission of autoantibodies by pregnant women with diabetes mellitus type 1 (Dm1) or polyglandular syndrome
Rabe M.¹, Groten T.¹, Schleußner E.¹, Kienhtopf M.¹, Müller U.A.¹, Battefeld W.¹ ¹Jena
- P163 Acute effects of intranasal insulin on endogenous glucose production and hepatic energy metabolism in humans
Gancheva S.¹, Koliaki C.¹, Bierwagen A.¹, Nowotny P.¹, Nagel A.¹, Achterath N.¹, Tinnes K.¹, Eßer M.¹, Heni M.², Fritsche A.^{2,3}, Szendrői J.¹, Roden M.¹ ¹Düsseldorf, ²Tübingen, ³Neuherberg
- P164 Mindfulness based stress reduction training was able to improve stress, depression and health status in patients with type 2 diabetes over 3 years. - Results of the Heidelberger Diabetes and Stress Study (HEIDIS) -
Kopf S.¹, Oikonomou D.¹, Hartmann M.¹, Humpert P.^{1,2}, Herzog W.¹, Nawroth P.P.¹ ¹Heidelberg, ²Mannheim
- P165 Dual role of B7 costimulation in obesity-related non-alcoholic steatohepatitis (NASH) and metabolic dysregulation
Chatzigeorgiou A.¹, Garcia-Martin R.¹, Chung K.-J.¹, Alexaki I.¹, Klotzsche-von Ameln A.¹, Siegert G.¹, Bornstein S.¹, Lutgens E.², Chavakis T.¹ ¹Dresden, ²Amsterdam
- P166 Protective role of adipocyte hypoxia-inducible factor-2 in diet-induced obesity in mice
Garcia Martin R.¹, Rubín de Celis M.F.¹, Ziogas A.¹, Phielers J.¹, Qin N.¹, Gercken B.¹, Mund C.¹, Ehrhart-Bornstein M.¹, Economopoulou M.¹, Chung K.-J.¹, Chavakis T.¹ ¹Dresden

18:00 – 19:00

- P167 Correlation between VEGF-A, biomarker of inflammation and dysglycemia
Ganz X.¹, Hanefeld M.¹, Appelt D.¹, Pistrosch F.¹, Sandner D.¹, Henkel E.¹, Köhler C.¹, Engelmann K.²
¹Dresden, ²Chemnitz
- P168 Hyperthyreose bei Kindern und Jugendlichen mit Typ 1 Diabetes mellitus in Deutschland und Österreich
Dost A.¹, Rohrer T.², Fröhlich-Reiterer E.³, Molz E.⁴, Karges B.⁵, Böckmann A.⁶, Hamann J.⁷, Holl R.W.⁴
¹Jena, ²Homburg/Saar, ³Graz, ⁴Ulm, ⁵Aachen, ⁶Konstanz, ⁷Landshut
- P169 CYP27B1 polymorphism is associated with higher CD30⁺ T-helper cell percentage under dexamethason and vitamin D cultivation in type 1 diabetes
Lasota K.¹, Moran Y.¹, Badenhoop K.¹, Penna-Martinez M.¹ ¹Frankfurt am Main
- P170 Influence of insulin and glargine on mobilization and outgrowth of endothelial progenitor cells in patients with type 2 diabetes: a partially double-blind, randomized, three-arm unicenter study
Oikonomou D.¹, Kopf S.¹, Gröner J.B.¹, von Bauer R.¹, Vittas S.¹, Sander A.¹, Englert S.¹, Humpert P.M.^{1,2}, Nawroth P.P.¹ ¹Heidelberg, ²Mannheim
- P171 Standardized inpatient insulin therapy based on electronic insulin dose calculation
Borm A.K.¹, Schuetz P.¹, Heckendorn M.², Mueller B.¹ ¹Aarau, ²Zurich
- P172 Sustained life style changes - impact on sexual quality, metabolic parameters and QoL in overweight men with metabolic syndrome
Stoian D.I.¹, Craciunescu M.¹, Anastasiu D.D.¹, Craina M.¹ ¹Timisoara
- P173 Achievement of sufficient blood glucose control in a highly insulin resistant patient with a combination of insulin and new oral antidiabetic agents
Worms J.¹, Quester W.¹, Iliev P.¹, Stratmann B.¹, Tschöpe D.¹ ¹Bad Oeynhausen
- P174 Time-of-day of meals modifies plasma glucose and insulin response in overweight males
Leineweber E.¹, Chamorro R.¹, Noll M.¹, Lehnert H.¹, Schmid S.¹ ¹Lübeck



DZD
Deutsches Zentrum
für Diabetesforschung

Das Deutsche Zentrum für Diabetesforschung (DZD) ist ein nationaler Verbund, der Experten auf dem Gebiet der Diabetesforschung bündelt und Grundlagenforschung und klinische Anwendung im Sinne der translationalen Forschung verzahnt. Mitglieder sind das Helmholtz Zentrum München, das Deutsche Diabetes Zentrum in Düsseldorf, das Deutsche Institut für Ernährungsforschung in Potsdam-Rehbrücke, das Paul-Langerhans-Institut des Universitätsklinikums Carl Gustav Carus Dresden und das Institut für Diabetesforschung und Metabolische Erkrankungen des Helmholtz Zentrums München an der Universität Tübingen. Ziel des DZD ist es, über einen neuartigen, integrativen Forschungsansatz Antworten auf offene Fragen in der Diabetesforschung zu finden und einen wesentlichen Beitrag zur Verbesserung von Prävention, Diagnose und Therapie des Diabetes mellitus zu leisten.

LATE-BREAKING ABSTRACTS

- LB1 **BIRC7/livin, a member of inhibitor of apoptosis protein (IAP) family, in adrenocortical tumors**
^{1,2}Barbara Altieri, ¹Silviu Sbiera, ¹Sonja Steinhauer, ¹Martin Fassnacht, ¹Bruno Allolio, ¹Cristina L. Ronchi, ¹Würzburg, Germany; ²Rome, Italy.
- LB2 **Management of adrenal crisis – targets, limits and realities**
 Stefanie Hahner¹, Nina Hemmelmann¹, Marcus Quinkler², Holger Willenberg³, Felix Beuschlein⁴, Bruno Allolio¹, Würzburg; ²Berlin; ³Düsseldorf; ⁴München
- LB3 **Suspected metastatic Adrenocortical Carcinoma revealing as Pulmonary Kaposi Sarcoma in Adrenal Cushing's syndrome**
 Margarita Bala¹, Cristina L. Ronchi¹, Josef Pichl², Vanessa Wild³, Stefan Kircher³, Bruno Allolio¹, Stefanie Hahner^{1,3} Würzburg; ²Nürnberg
- LB4 **Relevance of somatostatin receptor expression in pancreatic neuroendocrine tumors for treatment with somatostatin analogues**
 Swantje Brede², Georg Brabant², Nehara Begum³, Hendrik Lehnert², Christoph Thorns^{1,1,2,3} Lübeck
- LB5 **Pharmacological inhibition of the IGF-IR system in pituitary tumors in vitro**
 Marily Theodoropoulou, Daria Lisicki, Jose Luis Monteserin Garcia, Günter K. Stalla, Munich
- LB6 **Characterization of Stem Cell Markers in Pheochromocytomas and Paragangliomas**
 L. Oudijk^{1*}, C. Neuhofer^{3*}, U.D. Lichtenauer³, T.G. Papathomas¹, E. Korpershoek¹, H. Stoop¹, J.W. Oosterhuis¹, M. Smid², D.F. Restuccia¹, M. Robledo⁴, Aguirre de Cubas⁴, M. Mannelli⁵, AP. Gimenez-Roqueplo^{6,7}, W.N.M. Dinjens¹, F. Beuschlein³, R.R. de Krijger^{1, 1,2} Rotterdam, The Netherlands; Munich, Germany; ⁴Madrid, Spain; ⁵Florence, Italy; ^{6,7} Paris, France *These authors contributed equally to this work
- LB7 **An isocaloric high fat diet affects peripheral circadian clock and diurnal rhythms of inflammatory genes in humans**
 Olga Pivovarova^{1,2}, Silke Hornemann¹, Ye Lu^{1,2}, Simona Möckel¹, Veronica Murahovschi^{1,2}, Katharina Kessler^{1,2}, Anne-Cathrin Seltmann¹, Christiane Maser-Gluth³, Jeannine Mazuch⁴, Natalia Rudovich^{1,2}, Michael Kruse^{1,2}, Karsten Jürchott⁵, Andreas Busjahn⁶, Achim Kramer¹, Andreas F.H. Pfeiffer^{1,2}, ¹Nuthetal, ^{2,4,5,6}Berlin, ³Heidelberg
- LB8 **Screening assays on inhibitors, modulators and substrates of deiodinase and dehalogenase activities**
 Kostja Renko¹, Carolin S. Hoefig², Sonja Both¹, Doreen Braun³, Tim Welsink⁴, Lutz Schomburg¹, Josef Köhrle¹, ¹Berlin; ²Stockholm; ³Bonn; ⁴Osnabrück
- LB9 **Unusual case of polycystic ovary syndrome (PCOS) and gestational diabetes as a result of familial partial lipodystrophy type 2 (FPLD2) due to heterozygous missense mutation R482W in LMNA gene, described for the first time in Russian population**
 E. Sorkinal¹, A. Tiulpakov², M. Kalashnikova¹, F. Burumkulova³, V. Petrukhin³, G. Melnichenko^{1,2, 1,2,3} Moscow
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 M. R. Stieg, M. Buchfelder, G. K. Stalla, Munich
- LB11 **Adrenal insufficiency in patients after severe traumatic brain injury**
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 Eddy Rijntjes, Anna Dresler, Eva Wirth, Daniel Rathmann, Josef Köhrle, Berlin
- LB13 **Gene-metabolite networks reveal the regulation of clock genes by insulin**
 Natalia Rudovich^{1,2}, Olga Pivovarova^{1,2}, Jeannine Mazuch³, Sabrina Wendt³, Neta Tuvia³, Veronica Murahovschi^{1,2}, Alexander Erban⁴, Victoria J. Nikiforova⁵, Carsten Sticht⁶, Michael Kruse^{1,2}, Farnaz Keyhani Nejad^{1,2}, Ann-Catrin Seltmann^{1,2}, Özlem Gögebakan^{1,2}, Lothar Willmitzer^{4,5}, Achim Kramer¹, Andreas F.H. Pfeiffer^{1,2, 1} Potsdam; ^{2,3} Berlin, ^{4,5} Potsdam-Golm; ⁶Mannheim
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 A.V. Zheleznyakova¹, O.K. Vikulova¹, V.V. Nosikov², M.V. Shestakova¹; ^{1,2} Moscow, Russian Federation
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 Juliane Paschek¹, Arne Jochens², Paul-Martin Holterhus¹ ^{1,2} Kiel
- LB21 **Imbalance in the oxygen-transporting properties of erythrocytes and the blood antioxidant system in growth hormone deficient children before therapy and after one year of recombinant growth hormone therapy**
 Pankratova, Maria¹; Faassen, Maria¹; Shiryayeva, Tatyana¹; Peterkova, Valentina¹; Kovalenko, Svetlana²; Baizhumanov, Adil²; Parshina, Evgenia²; Yusipovich, Alexander²; Maksimov, Georgy^{2, 1,2} Moscow, Russian Federation

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