

Donnerstag 5. März

BIOLOGISCHER HÖRSAAL
UNIVERSITÄTS-HAUPTGEBÄUDE**16:00 - 18:00****ORAL PRESENTATIONS 1****Diabetes, Obesity
and Lipid Metabolism**Vorsitz: *H. Hauner, München*
H. Klein, Bochum

16.00-16.15

OP1-1

Stable overexpression of p8 increases survival of INS-1E beta cells in response to streptozotocin (STZ)-induced beta cell damage in vitro

Päth G.¹, Tsaroucha E.¹, Perakakis N.¹, Pilz I.¹, Alt M.¹, Ehler S.¹, van Loosen S.¹, Seufert J.¹,¹Freiburg

16.15-16.30

OP1-2

Knockdown of TRB3 expression by antisense oligonucleotides enhances peripheral insulin sensitivity in a rat model of type 2 diabetes

Weismann D.¹, Erion D.², Nagai Y.², Stark R.², Flannery C.², May T.², Dong J.², Kahn M.², Zhang D.², Murray S.F.³, Bhanot S.³, Monia B.P.³, Cline G.W.², Samuel V.T.², Shulman G.I.²,¹Würzburg, ²New Haven, ³Carlsbad

16.30-16.45

OP1-3

Knock-down of Mc2 receptor in adipocytes alters lipid composition and impairs lipolysis

Betz M.J.¹, Hatiboglu N.¹, Hadaschick D.², Mauracher B.¹, Rahl M.¹, Koletzko B.¹, Beuschlein F.¹, Slawik M.¹,¹München, ²Cambridge

16.45-17.00

OP1-4

Insulin increase the expression of natriuretic peptide clearance receptor in the subcutaneous fat depot in obese subjects: A clamp study

Pivovarovova O.¹, Ernst A.², Gögebakan Ö.³, Bergmann A.¹, Pfeiffer A.F.H.¹, Rudovich N.¹,¹Berlin, ²Borgsdorf, ³Potsdam-Rehbrücke

17.00-17.15

OP1-5

Fetuin-A is associated with insulin resistance in women with polycystic ovary syndrome

Möhlig M.¹, Arafat A.¹, Weickert M.¹, Pfeiffer A.F.H.¹, Schöfl C.²,¹Berlin, ²Erlangen

17.15-17.30

OP1-6

Downregulation of hepatic glucose 6-phosphatase-alpha in patients with nonalcoholic fatty liver

Konopelska S.¹, Kienitz T.¹, Quinkler M.¹,¹Berlin

17.30-17.45

OP1-7

The predictive value of different measures of obesity for incident cardiovascular events and mortality

Schneider H.J.¹, Friedrich N.², Klotsche J.³, Lehnert H.⁴, Silber S.⁵, Völzke H.², Stalla G.K.⁵, Wittchen H.-U.³, Wallaschofski H.²,¹München, ²Greifswald, ³Dresden, ⁴Lübeck, ⁵München

17.45-18.00

OP1-8

Anti-melanocortin-4 receptor autoantibodies in obesity

*Peter J.-C.¹, Breidert M.², Hofbauer K.¹, Eftekari P.², Laurence K.³,¹Basel, ²Koesching, ³Strasbourg***GROSSER SAAL / Saal 1****KONGRESSHALLE****16:30 - 18:00****ORAL PRESENTATIONS 2****Male and Female Reproduction**Vorsitz: *W.-B. Schill, Gießen*
J. Gromoll, Münster

16.30-16.45

OP2-1

Genetics of premature ovarian failure (POF): Expression of X-chromosomal genes in POF Loci 1, 2, 3

Katzorke N.¹, Bender U.¹, Rösner S.¹, Thöne C.¹, Strowitzki T.¹, Vogt P.H.¹,¹Heidelberg

Donnerstag 5. März

16.45-17.00

OP2-2

Mutations in the Luteinizing Hormone Receptor (LHR) gene: Genotype-phenotype correlation

Richter-Unruh A.¹, Groß U.², Albers N.³, Willig P.², Themmen A.P.N.⁴, Gromoll J.⁵, ¹Bochum, ²Hamburg, ³Osnabrück, ⁴Rotterdam, ⁵Münster

17.00-17.15

OP2-3

Expression of the steroidogenic enzyme P450scc during recrudescence of spermatogenesis in the dog following downregulation with a GnRH-implant

Schulz M.¹, Goericke-Pesch S.¹, Spang A.¹, Hoffmann B.¹, ¹Gießen

17.15-17.30

OP2-4

15-deoxy-Delta12,14-Prostaglandin-J2 (15dPGJ2) induces hypertrophy and phenotypic de-differentiation in human testicular peritubular cells - Possible impact on human male fertility

Schell C.¹, Albrecht M.¹, Spillner S.¹, Mayer C.¹, Köhn F.-M.¹, Schwarzer U.¹, Mayerhofer A.¹, ¹München

17.30-17.45

OP2-5

Large BMI and insulin resistance effect of fat mass and obesity associated gene (FTO) variants in patients with polycystic ovary syndrome (PCOS)

Tan S.¹, Scherag A.¹, Janssen O.E.², Hahn S.³, Lahner H.¹, Dietz T.¹, Friedel S.¹, Grallert H.⁴, Kimmig R.¹, Illig T.⁴, Hebebrand J.¹, Mann K.¹, Hinney A.¹, ¹Essen, ²Hamburg, ³Wuppertal, ⁴Munich

17.45-18.00

OP2-6

Free testosterone and anti-mullerian hormone levels, but not BMI and insulin resistance are associated with menstrual irregularities in women with polycystic ovary syndrome

Möhlrig M.¹, Dörr H.G.², Schöfl C.², ¹Berlin, ²Erlangen

RAUM KERKRADE

KONGRESSHALLE

16:30 - 18:00**ORAL PRESENTATIONS 3**

Mechanisms of Hormone Action - Signal Transduction - Paracrine and Autocrine Regulation

Vorsitz: *T. Gudermann, München*
A. Cato, Karlsruhe

16.30-16.45

OP3-1

Determination of dimerization domains of the human melanocortin 4 receptor

Rediger A.¹, Tarnow P.¹, Genetzky J.¹, Grüters A.¹, Biebermann H.¹, ¹Berlin

16.45-17.00

OP3-2

Glycoprotein hormone receptors: Lessons for activation and inactivation from mutations in helix 6 of the thyrotropin receptor

Kleinau G.¹, Winkler F.¹, Grüters A.¹, Krause G.¹, Biebermann H.¹, ¹Berlin

17.00-17.15

OP3-3

Molecular determinants transducing the signal from thyrotropin receptor towards different G-protein subtypes

Kleinau G.¹, Jäschke H.², Worth C.L.¹, Müller S.², Paschke R.², Krause G.¹, ¹Berlin, ²Leipzig

17.15-17.30

OP3-4

Testosterone increases 11beta-hydroxysteroid dehydrogenase type 1 (11beta-HSD1) expression in the rat heart

Michaelis M.¹, Hofmann P.¹, Götz F.¹, Kienitz T.¹, Quinkler M.¹, ¹Berlin

17.30-17.45

OP3-5

PDX1 is involved in KLF11-induced inhibition of the human insulin promoter in rodent beta-cells

Päth G.¹, Danassi D.¹, Perakakis N.¹, Zhou W.¹, Alt M.¹, van Loosen S.¹, Seufert J.¹, ¹Freiburg

Donnerstag 5. März

17.45-18.00

OP3-6

The efficacy of exendin(9-39)amide (Ex-9) as a GLP-1 receptor antagonist in human
Morper M.¹, Nicolaus M.¹, Wörle J.¹, Göke B.¹, Schirra J.¹, ¹München

RAUM VERSAILLES

KONGRESSHALLE

16:00 - 18:00**ORAL PRESENTATIONS 4****Adrenal Gland**

Vorsitz: *B. Allolio, Würzburg*
S. Bornstein, Dresden

16.00-16.15

OP4-1

Role of steroidogenic enzymes and nutritional status in the regulation of adrenarche

Shi L.¹, Wudy S.A.², Buyken A.E.¹, Hartmann M.F.², Remer T.¹, ¹Dortmund, ²Giessen

16.15-16.30

OP4-2

Detection of abnormal steroid metabolites for the monitoring of simvastatin therapy in Smith-Lemli-Opitz syndrome

Mohnike K.¹, Jira P.E.², Pöttsch S.¹, Hartmann M.F.³, Redepenning N.¹, Wevers R.², Wudy S.A.³, ¹Magdeburg, ²Nijmegen, ³Giessen

16.30-16.45

OP4-3

Molecular characterisation of novel StAR gene mutations causing adrenal insufficiency and complete sex reversal in 46, XY patients

Bens S.¹, Mohr A.², Leuschner I.¹, Chiarelli F.², Yüksel B.³, Holterhus P.-M.¹, Riepe F.G.¹, ¹Kiel, ²Chieti, ³Balcali/Adana

16.45-17.00

OP4-4

Bone morphogenetic protein 2 and 5 are down-regulated in adrenocortical carcinoma and in-vitro experiments highlight their potential to interfere with adrenal cell proliferation and steroidogenesis

Johnsen I.K.¹, Kappler R.¹, Auernhammer C.¹, Beuschlein F.¹, ¹München

17.00-17.15

OP4-5

Characterization of a mouse model with mutagenesis induced hyperaldosteronism

Spyroglou A.¹, Wagner S.¹, Manolopoulou J.¹, Hantel C.¹, Reincke M.¹, Bidlingmaier M.¹, Hrabé de Angelis M.¹, Beuschlein F.¹, ¹München

17.15-17.30

OP4-6

Establishment of an aldosterone producing cell line from a Conn's adenoma

Lichtenauer U.D.¹, Shapiro I.¹, Zwermann O.¹, Mussack T.¹, Reincke M.¹, Beuschlein F.¹, ¹München

17.30-17.45

OP4-7

Impact of confounding variables on plasma levels of metanephrines and normetanephrines

Deutschbein T.¹, Jäger A.¹, Mann K.¹, Petersenn S.¹, ¹Essen

17.45-18.00

OP4-8

Minimally invasive treatment of pheochromocytomas and retroperitoneal paragangliomas

Walz M.K.¹, Alesina P.F.¹, Neumann H.P.H.², Petersenn S.¹, Schmid K.W.¹, Mann K.¹, ¹Essen, ²Freiburg