



Jan Born

Kontakt

Jan Born

Publikationen (49)

Benedict C, Shostak A, Lange T, Brooks S, Schiöth H, Schultes B, Born J, Oster H, Hallschmid M. Diurnal Rhythm of Circulating Nicotinamide Phosphoribosyltransferase (Nampt/Visfatin/PBEF): Impact of Sleep Loss and Relation to Glucose Metabolism. *J Clin Endocrinol Metab* 2011; 97:E218-22.

Ott V, Friedrich M, Zemlin J, Lehnert H, Schultes B, Born J, Hallschmid M. Meal anticipation potentiates postprandial ghrelin suppression in humans. *Psychoneuroendocrinology* 2011; 37:1096-100.

Benedict C, Hallschmid M, Lassen A, Mahnke C, Schultes B, Schiöth H, Born J, Lange T. Acute sleep deprivation reduces energy expenditure in healthy men. *Am J Clin Nutr* 2011; 93:1229-36.

Schmid S, Hallschmid M, Jauch-Chara K, Wilms B, Lehnert H, Born J, Schultes B. Disturbed glucoregulatory response to food intake after moderate sleep restriction. *Sleep* 2011; 34:371-7.

Benedict C, Brede S, Schiöth H, Lehnert H, Schultes B, Born J, Hallschmid M. Intranasal insulin enhances postprandial thermogenesis and lowers postprandial serum insulin levels in healthy men. *Diabetes* 2010; 60:114-8.

Benedict C, Frey W, Schiöth H, Schultes B, Born J, Hallschmid M. Intranasal insulin as a therapeutic option in the treatment of cognitive impairments. *Exp Gerontol* 2010; 46:112-5.

Jauch-Chara K, Schmid S, Hallschmid M, Born J, Schultes B. Veränderte neuroendokrine Schlafarchitektur bei Patienten mit Typ 1 Diabetes mellitus. *Lebendige Wissenschaft. Spitzenforschung in der Diabetologie - Innovationen und Auszeichnungen 2010* 2010; Mai:116-123.

Hallschmid M, Jauch-Chara K, Korn O, Mölle M, Rasch B, Born J, Schultes B, Kern W. Euglycemic infusion of insulin detemir compared with human insulin appears to increase direct current brain potential response and reduces food intake while inducing similar systemic effects. *Diabetes* 2010; 59:1101-7.

Schmid S, Hallschmid M, Jauch-Chara K, Wilms B, Benedict C, Lehnert H, Born J, Schultes B. Short-term sleep loss decreases physical activity under free-living conditions but does not increase food intake under time-deprived laboratory conditions in healthy men. *The American journal of clinical nutrition* 2009; 90:1476-82.

Jauch-Chara K, Hallschmid M, Schmid S, Bandorf N, Born J, Schultes B. Sleep loss does not aggravate the deteriorating effect of hypoglycemia on neurocognitive function in healthy men. *Psychoneuroendocrinology* 2009

Benedict C, Kern W, Schmid S, Schultes B, Born J, Hallschmid M. Early morning rise in hypothalamic-pituitary-adrenal activity: a role for maintaining the brain's energy balance. *Psychoneuroendocrinology* 2009; 34:455-62.

Schmid S, Jauch-Chara K, Hallschmid M, Oltmanns K, Peters A, Born J, Schultes B. Lactate overrides central nervous but not beta-cell glucose sensing in humans. *Metabolism: clinical and experimental* 2008; 57:1733-9.

Pais I, Hubold C, Hallschmid M, Letterer S, Oltmanns K, Schultes B, Born J, Peters A. Blocking NMDA receptor signaling does not decrease hormonal counterregulation to hypoglycemia in humans. *Psychoneuroendocrinology* 2008; 33:1069-76.

Schmid S, Hallschmid M, Jauch-Chara K, Born J, Schultes B. A single night of sleep deprivation increases ghrelin levels and feelings of hunger in normal-weight healthy men. *Journal of sleep research* 2008; 17:331-4.

Hallschmid M, Benedict C, Schultes B, Perras B, Fehm H, Kern W, Born J. Towards the therapeutic use of intranasal neuropeptide administration in metabolic and cognitive disorders. *Regulatory peptides* 2008; 149:79-83.

Jauch-Chara K, Schmid S, Hallschmid M, Born J, Schultes B. Altered neuroendocrine sleep architecture in patients with type 1 diabetes. *Diabetes care* 2008; 31:1183-8.

Benedict C, Kern W, Schultes B, Born J, Hallschmid M. Differential sensitivity of men and women to anorexigenic and memory-improving effects of intranasal insulin. *The Journal of clinical endocrinology and metabolism* 2008; 93:1339-44.

Oltmanns K, Peters A, Born J, Hohagen F, Schweiger U, Schultes B, Howitz M, Scholand-Engler H, Melchert U, Pellerin L. Differential energetic response of brain vs. skeletal muscle upon glycemic variations in healthy humans. *American journal of physiology. Regulatory, integrative and comparative physiology* 2008; 294:R12-6.

Hallschmid M, Benedict C, Schultes B, Perras B, Fehm H, Kern W, Born J. Towards the therapeutic use of intranasal neuropeptide administration in metabolic and cognitive disorders. *Regul Pept* 2008; 149:79-83.

Schmid S, Hallschmid M, Jauch-Chara K, Bandorf N, Born J, Schultes B. Sleep loss alters basal metabolic hormone secretion and modulates the dynamic counterregulatory response to hypoglycemia. *The Journal of clinical endocrinology and metabolism* 2007; 92:3044-51.

Jauch-Chara K, Hallschmid M, Gais S, Schmid S, Oltmanns K, Colmorgen C, Born J, Schultes B. Hypoglycemia during sleep impairs consolidation of declarative memory in type 1 diabetic and healthy humans. *Diabetes care* 2007; 30:2040-5.

Jauch-Chara K, Hallschmid M, Gais S, Oltmanns K, Peters A, Born J, Schultes B. Awakening and counterregulatory response to hypoglycemia during early and late sleep. *Diabetes* 2007; 56:1938-42.

Schultes B, Fehm H, Peters A, Oltmanns K, Kern W, Reiprich E, Hallschmid M, Gais S, Jauch-Chara K, Born J. Defective awakening response to nocturnal hypoglycemia in patients with type 1 diabetes mellitus. *PLoS medicine* 2007; 4:e69.

Benedict C, Hallschmid M, Schultes B, Born J, Kern W. Intranasal insulin to improve memory function in humans. *Neuroendocrinology* 2007; 86:136-42.

Benedict C, Hallschmid M, Schmitz K, Schultes B, Ratter F, Fehm H, Born J, Kern W. Intranasal insulin improves memory in humans: superiority of insulin aspart. *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology* 2007; 32:239-43.

Benedict C, Hallschmid M, Schultes B, Born J, Kern W. Intranasal insulin to improve memory function in humans. *Neuroendocrinology* 2007; 86:136-142.

Oltmanns K, Gehring H, Rudolf S, Schultes B, Schweiger U, Born J, Fehm H, Peters A. Persistent suppression of resting energy expenditure after acute hypoxia. *Metabolism: clinical and experimental* 2006; 55:669-75.

Bremer J, Baron M, Peters H, Oltmanns K, Kern W, Fehm H, Born J, Schultes B. Hormonal, subjective, and neurocognitive responses to brief hypoglycemia in postmenopausal women and age-matched men with type 2 diabetes mellitus. *Metabolism: clinical and experimental* 2006; 55:331-8.

Oltmanns K, Gehring H, Rudolf S, Schultes B, Hackenberg C, Schweiger U, Born J, Fehm H, Peters A. Acute hypoxia decreases plasma VEGF concentration in healthy humans. *American journal of physiology. Endocrinology and metabolism* 2006; 290:E434-9.

Oltmanns K, Dodt B, Schultes B, Raspe H, Schweiger U, Born J, Fehm H, Peters A. Cortisol correlates with metabolic disturbances in a population study of type 2 diabetic patients. *European journal of endocrinology / European Federation of Endocrine Societies* 2006; 154:325-31.

Schultes B, Peters A, Hallschmid M, Benedict C, Merl V, Oltmanns K, Born J, Fehm H, Kern W. Modulation of food intake by glucose in patients with type 2 diabetes. *Diabetes care* 2005; 28:2884-9.

Schultes B, Peters A, Kern W, Gais S, Oltmanns K, Fehm H, Born J. Processing of food stimuli is selectively enhanced during insulin-induced hypoglycemia in healthy men. *Psychoneuroendocrinology* 2005; 30:496-504.

Kern W, Peters A, Born J, Fehm H, Schultes B. Changes in blood pressure and plasma catecholamine levels during prolonged hyperinsulinemia. *Metabolism: clinical and experimental* 2005; 54:391-6.

Benedict C, Hallschmid M, Scheibner J, Niemeyer D, Schultes B, Merl V, Fehm H, Born J, Kern W. Gut protein uptake and mechanisms of meal-induced cortisol release. *The Journal of clinical endocrinology and metabolism* 2005; 90:1692-6.

Oltmanns K, Peters A, Kern W, Fehm H, Born J, Schultes B. Preserved inhibitory effect of recurrent hypoglycaemia on the male gonadotrophic axis. *Clinical endocrinology* 2005; 62:217-22.

Schultes B, Schmid S, Peters A, Born J, Fehm H. Sleep loss and the development of diabetes: A review of current evidence. *Exp Clin Endocrinol Diabetes* 2005; 113:563-567.

Merl V, Peters A, Oltmanns K, Kern W, Hubold C, Hallschmid M, Born J, Fehm H, Schultes B. Preserved circadian rhythm of serum insulin concentration at low plasma glucose during fasting in lean and overweight humans. *Metabolism: clinical and experimental* 2004; 53:1449-53.

Hallschmid M, Benedict C, Schultes B, Fehm H, Born J, Kern W. Intranasal insulin reduces body fat in men but not in women. *Diabetes* 2004; 53:3024-9.

Benedict C, Hallschmid M, Hatke A, Schultes B, Fehm H, Born J, Kern W. Intranasal insulin improves memory in humans. *Psychoneuroendocrinology* 2004; 29:1326-34.

Perras B, Schultes B, Behn B, Dodt C, Born J, Fehm H. Intranasal atrial natriuretic peptide acts as central nervous inhibitor of the hypothalamo-pituitary-adrenal stress system in humans. *The Journal of clinical endocrinology and metabolism* 2004; 89:4642-8.

Hallschmid M, Schultes B, Marshall L, Mölle M, Kern W, Bredthauer J, Fehm H, Born J. Transcortical direct current potential shift reflects immediate signaling of systemic insulin to the human brain. *Diabetes* 2004; 53:2202-8.

Merl V, Kern W, Peters A, Oltmanns K, Gais S, Born J, Fehm H, Schultes B. Differences between nighttime and daytime hypoglycemia counterregulation in healthy humans. *Metabolism: clinical and experimental* 2004; 53:894-8.

Oltmanns K, Gehring H, Rudolf S, Schultes B, Rook S, Schweiger U, Born J, Fehm H, Peters A. Hypoxia causes glucose intolerance in humans. *American journal of respiratory and critical care medicine* 2004; 169:1231-7.

Oltmanns K, Fehm H, Born J, Dominiak P, Marx E, Kern W, Schultes B, Wellhoener P, Deininger E, Peters A. Influence of captopril on symptomatic and hormonal responses to hypoglycaemia in humans. *British journal of clinical pharmacology* 2003; 55:347-53.

Schultes B, Oltmanns K, Kern W, Fehm H, Born J, Peters A. Modulation of hunger by plasma glucose and metformin. *The Journal of clinical endocrinology and metabolism* 2003; 88:1133-41.

Gais S, Born J, Peters A, Schultes B, Heindl B, Fehm H, Kern W. Hypoglycemia counterregulation during sleep. *Sleep* 2003; 26:55-9.

Perras B, Schultes B, Schwaiger R, Metz C, Wessler W, Born J, Fehm H. Growth hormone-releasing hormone facilitates hypoglycemia-induced release of cortisol. *Regulatory peptides* 2002; 110:85-91.

Schultes B, Oltmanns K, Toschek B, Sopke S, Kern W, Born J, Fehm H, Peters A. Short-term treatment with metformin decreases serum leptin concentration without affecting body weight and body fat content in normal-weight healthy men. *Metabolism: clinical and experimental* 2002; 51:531-6.

Dantz D, Bewersdorf J, Schultes B, Kern W, Jelkmann W, Born J, Fehm H, Peters A. Vascular endothelial growth factor: a novel endocrine defensive response to hypoglycemia. *The Journal of clinical endocrinology and metabolism* 2002; 87:835-40.

Projekte (0)

Keine Resultate gefunden.

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