



Kerstin M Oltmanns

Contact

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Publications (25)

Schultes B, Schmid S, Wilms B, Jauch-Chara K, Oltmanns K, Hallschmid M. Lactate infusion during euglycemia but not hypoglycemia reduces subsequent food intake in healthy men. *Appetite* 2012; 58:818-821.

Loebig M, Klement J, Schmoller A, Betz S, Heuck N, Schweiger U, Peters A, Schultes B, Oltmanns K. Evidence for a relationship between VEGF and BMI independent of insulin sensitivity by glucose clamp procedure in a homogenous group healthy young men. *PLoS one* 2010; 5:e12610.

Hubold C, Lang U, Gehring H, Schultes B, Schweiger U, Peters A, Hellweg R, Oltmanns K. Increased serum brain-derived neurotrophic factor protein upon hypoxia in healthy young men. *Journal of neural transmission (Vienna, Austria : 1996)* 2009; 116:1221-5.

Schmoller A, Eberhardt F, Jauch-Chara K, Schweiger U, Zabel P, Peters A, Schultes B, Oltmanns K. Continuous positive airway pressure therapy decreases evening cortisol concentrations in patients with severe obstructive sleep apnea. *Metabolism: clinical and experimental* 2009; 58:848-53.

Schmoller A, Voss M, Gehring H, Rudolf S, Schweiger U, Schultes B, Oltmanns K. Short Hypoxia Does not Affect Plasma Leptin in Healthy Men under Euglycemic Clamp Conditions. *International journal of endocrinology* 2009; 2009:270698.

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.

Oltmanns K, Melchert U, Scholand-Engler H, Schultes B, Schweiger U, Peters A. Divergent effects of hyper- and hypoglycemia on circulating vascular endothelial growth factor in humans. *Metabolism: clinical and experimental* 2008; 57:90-4.

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 glycemc variations in healthy humans. *American journal of physiology. Regulatory, integrative and comparative physiology* 2008; 294:R12-6.

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, Ghio A, Gehring H, Schultes B, Peters A, Oltmanns K. Transient hypoxia and downregulation of circulating prohepcidin concentrations in healthy young men. *Haematologica* 2007; 92:125-6.

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.

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.

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.

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.

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.

Projects (0)

No results found.

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