



Research output 2020 – «One Health» Metabolic diseases

Arias-Reyes, Christian; Zubieta-DeUrioste, Natalia; Poma-Machicao, Liliana; Aliaga-Raduan, Fernanda; Carvajal-Rodriguez, Favio; Dutschmann, Mathias; Schneider-Gasser, Edith M; Zubieta-Calleja, Gustavo; Soliz, Jorge (2020). Does the pathogenesis of SARS-CoV-2 virus decrease at high-altitude? *Respiratory Physiology & Neurobiology*, 277:103443

Boccia, Lavinia; Gamakharia, Salome; Coester, Bernd; Whiting, Lynda; Lutz, Thomas A; Le Foll, Christelle (2020). Amylin brain circuitry. *Peptides*, 132:170366

Devraj, Gayatri; Guérit, Sylvaine; Seele, Jana; Spitzer, Daniel; Macas, Jadranka; Khel, Maryam I; Heidemann, Roxana; Braczynski, Anne K; Ballhorn, Wibke; Günther, Stefan; Ogunshola, Omolara O; Mittelbronn, Michel; Ködel, Uwe; Monoranu, Camelia M; Plate, Karl H; Hammerschmidt, Sven; Nau, Roland; Devraj, Kavi; Kempf, Volkhard A J (2020). HIF-1 α is involved in blood–brain barrier dysfunction and paracellular migration of bacteria in pneumococcal meningitis. *Acta Neuropathologica*, 140(2):183-208

Gassmann, Max; Cowburn, Andrew; Gu, Hong; Li, Jia; Rodriguez, Marisela; Babicheva, Aleksandra; Jain, Pritesh P; Xiong, Mingmei; Gassmann, Norina N; Yuan, Jason X-J; Wilkins, Martin R; Zhao, Lan (2020). Hypoxia-induced pulmonary hypertension – utilising experiments of nature. *British Journal of Pharmacology*:Epub ahead of print.

Lutz, Thomas A (2020). An overview of rodent models of obesity and Type 2 diabetes. In: King, Aileen J F. *Animal Models of Diabetes*. New York: Springer, 11-24

Roesti, Elisa S; Boyle, Christina N; Zeman, Daniel T; Sande-Melon, Marcos; Storni, Federico; Cabral-Miranda, Gustavo; Knuth, Alexander; Lutz, Thomas A; Vogel, Monique; Bachmann, Martin F (2020). Vaccination Against Amyloidogenic Aggregates in Pancreatic Islets Prevents Development of Type 2 Diabetes Mellitus. *Vaccines*, 8:116

Romano, Adele; Micioni Di Bonaventura, Maria Vittoria; Gallelli, Cristina Anna; Koczwara, Justyna Barbara; Smeets, Dorien; Giusepponi, Maria Elena; De Ceglia, Marialuisa; Friuli, Marzia; Micioni Di Bonaventura, Emanuela; Scuderi, Caterina; Vitalone, Annabella; Tramutola, Antonella; Altieri, Fabio; Lutz, Thomas A; Giudetti, Anna Maria; Cassano, Tommaso; Cifani, Carlo; Gaetani, Silvana (2020). Oleoylethanolamide decreases frustration stress-induced binge-like eating in female rats: a novel potential treatment for binge eating disorder. *Neuropsychopharmacology*, 45(11):1931-1941



Schmid NS, Clauss M, Hetzel U, Riold B, Bochmann M, Hatt J-M (2020) Development, diagnosis and therapy of ketosis in non-gravid and non-lactating guinea pigs. BMC Veterinary Research 16: 41

Zakariassen, Hannah Louise; John, Linu Mary; Lutz, Thomas A (2020). Central control of energy balance by amylin and calcitonin receptor agonists and their potential for treatment of metabolic diseases. Basic & Clinical Pharmacology & Toxicology, 127(3):163-177

23.02.2021