

Publications:
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2018

- [Karanth S, Adams JD, Serrano MLA, Quittner-Strom E, Simcox J, Villanueva CJ, Ozcan L, Holland WL, Yost HJ, Vella A, Schlegel A \(2018\). A hepatocyte FOXN3- \$\alpha\$ cell glucagon alpha-axis regulates fasting glucose. *Cell Rep*, 24\(2\), 312-319.](#)

2017

- [Hugo SE, Schlegel A \(2017\). A genetic model to study increased hexosamine biosynthetic flux. *Endocrinology*, 158\(8\), 2420-2426.](#)
- [Benitez-Santana T, Hugo SE, Schlegel A \(2017\). Role of intestinal LXR \$\alpha\$ in regulating post-prandial lipid excursion and diet-induced hypercholesterolemia and hepatic lipid accumulation. *Front Physiol*, 8, 280.](#)
- [Hugo SE, Schlegel A \(2017\). A genetic screen for zebrafish mutants with hepatic steatosis identifies a locus required for larval growth. *J Anat*, 230\(3\), 407-413.](#)

2016

- [Schlegel A \(2016\). Zebrafish models for dyslipidemia and atherosclerosis research. \[Review\]. *Front Endocrinol \(Lausanne\)*, 7, 159.](#)
- [Karanth S, Zinkhan EK, Hill JT, Yost HJ, Schlegel A \(2016\). FOXN3 regulates hepatic glucose utilization. *Cell Rep*, 15\(12\), 2745-2755.](#)

2015

- [Schlegel A, Gut P \(2015\). Metabolic Insights from Zebrafish Genetics, Physiology, and Chemical Biology. \[Review\]. *Cell Mol Life Sci*, 72\(12\), 2249-2260.](#)

2014

- [Cruz-Garcia L, Schlegel A \(2014\). Lxr-driven enterocyte lipid droplet formation delays transport of ingested lipids. *J Lipid Res*, 55\(9\), 1944-1958.](#)

2013

- [Karanth S, Tran VM, Kuberan B, Schlegel A \(2013\). Polyunsaturated fatty acyl-Coenzyme As are inhibitors of cholesterol biosynthesis in zebrafish and mice. *Dis Model Mech*, 6\(6\), 1365-1377.](#)