Hormone Assay Core Services

Services provided by the Hormone Assay & Analytical Services Core

Radioimmunoassays (RIA)
- ACTH, aldosterone, corticosterone, cortisol, c-peptide, ghrelin, glucagon, growth hormone, insulin, leptin, progesterone, PYY, testosterone, T3 and T4

High Performance Liquid Chromatography (HPLC)
- amino acids, catecholamines (epinephrine & norepinephrine), creatinine, and purine nucleotides

Luminex multiplex assays
- human and mouse adipokine, cytokine/chemokine, metabolic hormones, IGF, immunology/inflammation, and pituitary assays

ELISA
- glucagon

Enzymatic
- glucose

Click here for more information

Publications / Citations

   › Primary publication · 26085070 (PubMed) · PMC4587648 (PubMed Central) · Added on 7/15/2015

   › Primary publication · 26015434 (PubMed) · PMC4504937 (PubMed Central) · Added on 7/30/2015

   › Primary publication · 25986700 (PubMed) · PMC4484635 (PubMed Central) · Added on 7/30/2015

   › Primary publication · 25901095 (PubMed) · PMC4542446 (PubMed Central) · Added on 7/30/2015

   › Primary publication · 25783892 (PubMed) · PMC4587587 (PubMed Central) · Added on 7/24/2015

   › Primary publication · 25765720 (PubMed) · PMC4408247 (PubMed Central) · Added on 7/30/2015

   › Primary publication · 25695946 (PubMed) · PMC4477350 (PubMed Central) · Added on 7/30/2015

Portal vein glucose entry triggers a coordinated cellular response that potentiates hepatic glucose uptake and storage in normal

Farmer B, Neal D, Cherrington AD (2013)

Effects of intraportal exenatide on hepatic glucose metabolism in the conscious dog.

Endocrinology 154(10): 664-70

Liver but not adipose tissue is responsive to the pattern of enteral feeding.


Hypoglycemia-associated autonomic failure in healthy humans: comparison of two vs three periods of hypoglycemia on hypoglycemia-induced counterregulatory and symptom response 5 days later.


Biobehavioral profiles of arousal and social motivation in autism spectrum disorders.


Cholesteryl ester transfer protein protects against insulin resistance in obese female mice.


Effect of the glucagon-like peptide-1 receptor agonist lixisenatide on postprandial hepatic glucose metabolism in the conscious dog.


Novel PEGylated basal insulin LY2605541 has a preferential hepatic effect on glucose metabolism.


A liver Hif-2α-Irs2 pathway sensitizes hepatic insulin signaling and is modulated by Vegf inhibition.


A novel experimental strategy to assess the metabolic effects of selective activation of a G(q)-coupled receptor in hepatocytes in vivo.


Effects of intraportal exenatide on hepatic glucose metabolism in the conscious dog.


G6PC2: a negative regulator of basal glucose-stimulated insulin secretion.


Portal vein glucose entry triggers a coordinated cellular response that potentiates hepatic glucose uptake and storage in normal
  › Primary publication · 23028137 (PubMed) · PMC3554368 (PubMed Central) · Added on 12/5/2013

  › Primary publication · 23011060 (PubMed) · PMC3774325 (PubMed Central) · Added on 12/5/2013

  › Primary publication · 22966069 (PubMed) · PMC3554377 (PubMed Central) · Added on 12/10/2013

  › Primary publication · 22923473 (PubMed) · PMC3526057 (PubMed Central) · Added on 12/5/2013

  › Primary publication · 22916190 (PubMed) · PMC3423438 (PubMed Central) · Added on 12/10/2013

  › Primary publication · 22829903 (PubMed) · PMC3400647 (PubMed Central) · Added on 12/10/2013

  › Primary publication · 22688328 (PubMed) · PMC3447895 (PubMed Central) · Added on 6/2/2014

  › Primary publication · 22585902 (PubMed) · PMC3649460 (PubMed Central) · Added on 12/5/2013

  › Primary publication · 21798992 (PubMed) · PMC3185167 (PubMed Central) · Added on 7/30/2015

  › Primary publication · 20942803 (PubMed) · PMC4130494 (PubMed Central) · Added on 3/7/2014

  › Primary publication · 20940071 (PubMed) · PMC3736817 (PubMed Central) · Added on 12/10/2013

  › Primary publication · 19450229 (PubMed) · PMC2929527 (PubMed Central) · Added on 12/10/2013

  › Primary publication · 18847435 (PubMed) · PMC2929524 (PubMed Central) · Added on 3/7/2014

  › Primary publication · 18753309 (PubMed) · PMC2614309 (PubMed Central) · Added on 7/30/2015

  › Primary publication · 17265032 (PubMed) · Added on 12/10/2013

### MeSH Terms

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