Ranking “Hot topics” in any fields you want.

Enter keywords in English or Japanese to rank search remarkable targets for recent 5 years. (e.g. Diabetes)

The found most notable mouse gene in diabetic fields for recent 4 years is “adiponectin.”

Multiple genomic annotation databases are also searched and ranked simultaneously.
Recent published report trends regarding adiponectin and leptin

Annual trend of publications regarding both genes↓

1. PMID:17212045
   Association of adipocytokines (leptin, adiponectin TNF-alpha), insulin and proinsulin with diabetes—the Mumbai Obesity Project [MOP].
   The Journal of the Association of Physicians of India 2006 Sep
   In this study we looked at adipocytokines—leptin, adiponectin and tumour necrosis factor α (TNF-alpha) and insulin and proinsulin in subjects with diabetes and obesity.
   ... diabetes mellitus (references)
   ... Tnf tumor necrosis factor (references, MGI 104798, CAGE, Mm 17 34807442-34810048)

2. PMID:17254509
   Leptin and adiponectin—mer role in diabetes.
   Current diabetes reports 2007 Feb
   ...

3. PMID:18430493
   Characterization of obesity in Japanese monkeys (Macaca fuscata) in a pedigree colony.
   Journal of medical primatology 2006 Feb
   ... The levels of serum leptin (mean ± SD: 4.9 ± 2.3 ng/ml) measured in these obese monkeys were significantly higher than those of non-obese pairs of the same group (n = 4, 1.2 ± 0.5 ng/ml) and another Japanese monkey group (Tokashima, n = 14, 0.8 ± 0.2 ng/ml); however, serum levels of adiponectin, insulin, glucose, hemoglobin A1c, and fructosamine did not differ between obese and non-obese monkeys.
   ... CONCLUSIONS: These results show that these obese monkeys in the Wakanai group have not developed obesity-related diseases/syndromes such as diabetes.

4. PMID:16238454
   Adipocytokines and cancer.
   Physiological research / Academia Scientiarum Bohemoslovaca 2006
   AB—It is generally accepted that endocytosis dysfunction of adipose tissue may represent one of the causal links between obesity and insulin resistance [diabetes].
   Most of the studies indicated that while leptin may potentiate the growth of cancer cells in vitro, adiponectin appears to have an opposite effect.