



### MeDIP-chip Service – Publications

- MSC Transplantation Improves Osteopenia via Epigenetic Regulation of Notch Signaling in Lupus. Shiyu Liu, et al. Cell Metabolism, 2016
- Long-term parental methamphetamine exposure of mice influences behavior and hippocampal DNA methylation of the offspring. Y Itzhak, et al. Molecular Psychiatry, 2014
- TFIIIS. h, a new target of p53, regulates transcription efficiency of pro-apoptotic bax gene. JM Liao, et al. Scientific Reports, 2016
- Epigenetic inactivation of the CpG demethylase TET1 as a DNA methylation feedback loop in human cancers. Li L, et al. Scientific reports, 2016
- Characterization of the nasopharyngeal carcinoma methylome identifies aberrant disruption of key signaling pathways and methylated tumor suppressor genes. Li L, et al. Epigenomics, 2014
- Long lasting alterations to DNA methylation and ncRNAs may underlie the effects of fetal alcohol exposure. Benjamin I. Laufer, et al. Disease Models & Mechanisms, 2013
- Sox9 transcriptionally regulates Wnt signaling in intestinal epithelial stem cells in hypomethylated crypts in the diabetic state. Huang C Z, et al. Stem Cell Research & Therapy, 2017
- Increased 5-hydroxymethylation levels in the hippocampus of rat extinguished from cocaine self-administration. Sadakierska-Chudy A, et al. Hippocampus, 2017
- DNA methylation differences in monozygotic twin pairs discordant for schizophrenia identifies psychosis related genes and networks. Castellani CA, et al. BMC Med Genomics, 2015
- Dietary Chromium Restriction of Pregnant Mice Changes the Methylation Status of Hepatic Genes Involved with Insulin Signaling in Adult Male Offspring. Zhang Q, et al. PLOS ONE, 2017
- Olanzapine-induced methylation alters cadherin gene families and associated pathways implicated in psychosis. MG Melka, et al. BMC Neuroscience, 2014
- Epigenetic modification of TLE1 induce abnormal differentiation in diabetic mice intestinal epithelium. Xu J, et al. Molecular and Cellular Biochemistry, 2017
- Genome-Wide DNA Methylation in Mixed Ancestry Individuals with Diabetes and Prediabetes from South Africa. Matsha T E, et al. International Journal of Endocrinology, 2016
- Olanzapine-induced DNA methylation in the hippocampus and cerebellum in genes mapped to human 22q11 and implicated in schizophrenia. MG Melka, et al. Psychiatric genetics, 2014

### hMeDIP-chip Service – Publications

- TET3 Mediates Alterations in the Epigenetic Marker 5hmC and Akt Pathway in Steroid-Associated Osteonecrosis. Zhao J, et al. Journal of Bone and Mineral Research, 2016