

- Campbell DJ, Karam H, Ménard J, Bruneval P, Mullins JJ (2009): **Prorenin contributes to angiotensin peptide formation in transgenic rats with rat prorenin expression targeted to the liver.** *Hypertension*

54(6):1248-53.



- Díez M, Abdelmagid N, Harnesk K, Ström M, Lidman O, Swanberg M, Lindblom R, Al-Nimer F, Jagodic M, Olsson T, Piehl F (2009): **Identification of gene regions regulating inflammatory microglial response in the rat CNS after nerve injury.**

Journal of Neuroimmunology, 212(1-2):82-92.



- Drahota Z, Vrbacký M, Nůsková H, Kazdová L, Zídek V, Landa V, Pravenec M, Houstek J. (2010): **Succinimidyl oleate, established inhibitor of CD36/FAT translocase inhibits complex III of mitochondrial respiratory chain.** *Biochem Biophys Res Commun*

, 391(3):1348-51



- Gómez MJ, de la Torre L, Callejas-Aguilera JE, Rosas JM, Escarabajala MD, Agüero A, Tobeña A, Fernández-Teruel A, Torres C (2009): **Differences in Extinction of an Appetitive Instrumental Response in Female Inbred Roman High- (RHA-I) and Low- (RLA-I) Avoidance Rats.** *Psicológica* 30:181-188.

- Gómez MJ, Escarabajal MD, de la Torre L, Tobeña A, Fernández-Teruel A, Torres C (2009): **Consummatory successive negative and anticipatory contrast effects in inbred Roman rats.** *Physiol Behav.* 97(3-4):374-80.



- Gómez MJ, Morón I, Torres C, Esteban FJ, de la Torre L, Cándido A, Maldonado A, Fernández-Teruel A, Tobeña A, Escarabajal MD (2009): **One-way avoidance acquisition and cellular density in the basolateral amygdala: strain differences in Roman**

high- and low-avoidance rats.

Neurosci Lett.
450(3):317-20.



- Graham D, Huynh NN, Hamilton CA, Beattie E, Smith RA, Cochemé HM, Murphy MP, Dominiczak AF (2009). **Mitochondria-targeted antioxidant MitoQ10 improves endothelial function and attenuates cardiac hypertrophy.**

Hypertension, 54(2):322-8.

Hyp



- Jagodic M, Colacios C, Nohra R, Dejean AS, Beyeen AD, Khademi M, Casemayou A, Lamouroux L, Duthoit C, Sjöholm L, Bernard I, Lagrange D, Dahlman I, Lundmark F, Oturai AB, Soendergaard HB, Kempinen A, Saarela J, Ienari P, Harbo HF, Spurkland A, Ramagopalan S, Sadovnick DA, Ebers G, Seddighzadeh M, Klareskog L, Alfredsson L, Padyukov L, Hillert J, Clanet M, Edan G, Fontaine B, Fournie GJ, Saoudi A, Kockum I, Olsson T (2009): **A role for Vav1 in experimental autoimmune encephalomyelitis and Multiple Sclerosis.**

Science Translational Medicine, 1(10), 1-11



- Johannesson M, Lopez-Aumatell R, Stridh P, Diez M, Tuncel J, Blazquez G, Martinez E, Canete A, Vicens-Costa E, Graham D, Copley RP, Hernandez-Pliego P, Beyeen AD, Öckinger J, Fernandez C, Gulko PS, Brenner M, Tobeña A, Guitart-Masip M, Gimenez-Llort L, Dominiczak A, Holmdahl R, Gauguier D, Olsson T, Mott R, Valdar W, Redei E, Fernandez-Teruel A, Flint F (2009): **A resource for the simultaneous high-resolution mapping of multiple quantitative trait loci in rats: the NIH heterogeneous stock.**

Genome Research, 19(1):150-8.



- Johnson MD, He L, Herman D, Wakimoto H, Wallace CA, Zidek V, Mlejnek P, Musilova A, Simakova M, Vorlicek J, Kren V, Viklicky O, Qi NR, Wang J, Seidman CE, Seidman J, Kurtz TW, Aitman TJ, Pravenec M (2009): **Dissection of chromosome 18 blood pressure and salt-sensitivity quantitative trait loci in the spontaneously hypertensive rat.**

Hypertension
, 54(3):639-45



- Koh-Tan HH, Graham D, Hamilton CA, Nicoll G, Fields L, McBride MW, Young B, Dominiczak AF(2009): **Renal and vascular glutathione S-transferase mu is not affected by pharmacological intervention to reduce systolic blood pressure.**

J Hypertens
. 27(8):1575-84



- Liska F, Snajdr P, Sedová L, Seda O, Chylíková B, Slámová P, Krejčí E, Sedmera D, Grim M, Krenová D, Kren V. (2009): **Deletion of a conserved noncoding sequence in Plzf intron leads to Plzf down-regulation in limb bud and polydactyly in the rat.**

Dev Dyn.
238(3):673-84.



- Liu X, Bellamy CO, Bailey MA, Mullins LJ, Dunbar DR, Kenyon CJ, Brooker G, Kantachuvesiri S, Maratou K, Ashek A, Clark AF, Fleming S, Mullins JJ (2009): **Angiotensin-converting enzyme is a modifier of hypertensive end organ damage**

J Biol Chem
. 5;284(23):15564-72.



- Lopez-Aumatell R, Blazquez G, Gil L, Aguilar R, Gimenez-Llort L, Tobeña A, Fernandez-Teruel A (2009): **The Roman rat strains differ in fear-potentiated startle and fear conditioning to cues and contexts.** *Psicothema*, 21(1):27-32.



- López-Aumatell R, Vicens-Costa E, Guitart-Masip M, Martínez-Membrives E, Valdar W, Johannesson M, Cañete T, Blázquez G, Driscoll P, Flint J, Tobeña A, Fernández-Teruel A

(2009): **Unlearned anxiety predicts learned fear: a comparison among heterogeneous rats and the Roman rat strains** . *Behav Brain Res.*;202(1):92-101.



- Manning JR, Hedley A, Mullins JJ, Dunbar DR (2009): **Automated seeding of specialised wiki knowledgebases with BioKb**

. *BMC Bioinformatics*
. 10:291.



- Piehl F, Olsson T (2009) **Inflammation and susceptibility to neurodegeneration: The use of unbiased genetics to decipher critical regulatory pathways.**

Neuroscience
. 158(3):1143-50.



- Piessevaux G, Lella V, Rivière M, Stieber D, Szpirer J, Szpirer C (2009): **Contrasting epistatic interactions between rat quantitative trait loci controlling mammary cancer development.**

amm Genome
, 20(1):43-52.

M



- Popova E, Bader M, Krivokharchenko A (2009): **Efficient production of nuclear transferred rat embryos by modified methods of reconstruction.**

Mol Reprod Dev. 76, 208-216



- Rintisch C, Förster M, Holmdahl R (2009): **Detection of arthritis-susceptibility loci, including Ncf1, and variable effects of the major histocompatibility complex region depending on genetic background in rats.**

A

rthritis Rheum
.60(2):419-27.

