**Jennifer J. Lentz, PhD**

**Bibliography**

Ponnath A, Depreux F, Jodelka FM, Farris HE, Rigo F, Hastings ML, **Lentz JJ**. Rescue of outer hair cells with antisense oligonucleotides in Usher mice is dependent on age of treatment. *Journal of the Association for Research in Otolaryngology*, 2017, 10.1007/s 101620017-0640-x. PMID: 29027038.

S Vijayakumar, F Depreux, FM Jodelka, **JJ Lentz**, F Rigo, TA Jones, ML Hastings. Rescue of peripheral vestibular function in Usher syndrome mice using a splice-switching antisense oligonucleotide. (2017) *Hum Mol Genet* doi.or/10.1093/hmg/ddx234. PMID: 28633508.

Pan B, Askew C, Galvin A, Haman-Ackah S, Asai Y, Indzhykulian AA, Jodelka F, Hastings ML, **Lentz JJ**, Vandenberghe LH, Holt JR, Geleoc GGS. Gene therapy restores auditory and vestibular function in a mouse model of Usher syndrome type IC. (2017) *Nature Biotechnology* 35(3):264-274. PMID: 28165476.

Depreux FF, Wang L, Jiang L, Jodelka FM, Rosencrans RF, Rigo F, **Lentz JJ**, Brigande JV, Hastings ML. Antisense oligonucleotides delivered to the amniotic cavity in utero modulate gene expression in the postnatal mouse. Featured as a Breakthrough Article, (2016) *Nucleic Acids Res* 16:44(20):9519-9525. PMID: 27683224.

Jeyakumar A, **Lentz JJ**. Usher syndrome in Louisiana. (2014) *Pediatric Review*, Children’s Hospital, New Orleans, LA., XXVIII(2).

**Lentz JJ,** Hinrich AJ, Jodelka FM, McCaffrey K, Farris HE, Bazan NG, Rigo F, Duelli DM, Hastings ML. Rescue of hearing and vestibular function in a mouse model of human deafness. (2013) *Nat Med* 19(3):345-50. PMID: 23380860.

Phillips JB, Blanco B, **Lentz JJ**, Tallafuss A, Khanobdee K, Sampath S, Jacobs ZG, Han PF, Mishra M, Titus TA, Williams DS, Keats BJ, Washbourne P, Westerfield M. Harmonin (Ush1c) is required in zebrafish Muller glial cells for photoreceptor synaptic development and function. (2011) *Dis Model Mech* (6):786-800. PMID: 21757509.

**Lentz JJ**, Gordon WC, Farris HE, MacDonald GH, Cunningham DE, Robbins CA, Tempel B, Bazan NG, Rubel EW, Oesterle EC, Keats BJ. Deafness and Retinal Degeneration in the Novel USH1C Knock-in Mouse Model. (2010) *Dev Neuro* 70(4):253-67. PMID: 20095043.

**Lentz J**, Pan F, Ng SS, Deininger P, Keats B. Ush1c216A knock-in mouse survives Katrina. (2007) *Mutat Res* 616(1-2):139-44. PMID: 17174357.

**Lentz J**, Savas S, Ng SS, Athas G, Deininger P, Keats B. The USH1C 216G-->A splice-site mutation results in a 35-base-pair deletion. (2005) *Hum Genet* February 116(3):225-7. PMID: 15578223.

Mannick EE, Cote RL, Schurr JR, Krowicka HS, Sloop GD, Zapata-Velandia A, Correa H, Ruiz B, Horswell R, **Lentz JJ**, Byrne P, Gastanaduy MM, Hornick CA, Liu Z. Altered phenotype of dextran sulfate sodium colitis in interferon regulatory factor-1 knock-out mice. (2005) *J Gastroenterol Hepatol* 20(3):371-80. PMID: 15740479.

Zapata-Velandia A, Ng SS, Brennan RF, Simonsen NR, Gastanaduy M, Zabaleta J, **Lentz JJ**, Craver RD, Correa H, Delgado A, Pitts AL, Himel JR, Udall JN Jr, Schmidt-Sommerfeld E, Brown RF, Athas GB, Keats BB, Mannick EE. Association of the T Allele of an Intronic Single Nucleotide Polymorphism in the colony stimulating factor 1 receptor with Crohn’s disease: a case-control study. (2004) *J Immune Based Ther Vaccines* 14;2(1):6. PMID: 15144560.

Mannick EE, Bonomolo JC, Horswell R, **Lentz JJ**, Serrano MS, Zapata-Velandia A, Gastanaduy M, Himel JL, Rose SL, Udall JN Jr, Hornick CA, Liu Z. Gene expression in mononuclear cells from patients with inflammatory bowel disease. (2004) *Clin Immunol* 112(3):247-57. PMID: 15308118.

Mannick EE, Schurr JR, Zapata A, **Lentz JJ**, Gastanaduy M, Cote RL, Delgado A, Correa P, Correa H. Gene expression in gastric biopsies from patients infected with Helicobacter pylori. (2004) *Scand J Gastroenterol* 39(12):1192-200. PMID: 15742995.

Rosen HR, McHutchison JG, Conrad AJ, **Lentz JJ**, Marousek G, Rose SL, Zaman A, Taylor K, Chou S. Tumor necrosis factor genetic polymorphisms and response to antiviral therapy in patients with chronic hepatitis C. (2002) *Am J of Gastroenterol* 97(3): 714-20. PMID: 11922568.

Rosen HR, **Lentz JJ**, Rose SL, Rabkin J, Corless CL, Taylor K, Chou L. Donor Polymorphism of Tumor Necrosis Factor Gene: Relationship with Variable Severity of Hepatitis C Recurrence Following Liver Transplantation. (1999) *Transplantation* 68(12):1898-902. PMID: 10628771.