

Anthony Almudevar

Data Analysis Projects Resulting in Publications (2015-2020)

- Sandal S, **Almudevar A**, Parajuli S, Bose A (2015) Comparing 10-yr renal outcomes in deceased donor and living donor liver transplants. *Clin Transplant*. 29(12):1140-7.
- Ren D, **Almudevar AL**, Pichichero ME (2015) Synchrony in serum antibody response to conserved proteins of *Streptococcus pneumoniae* in young children. *Hum Vaccin Immunother*. 1(2):489-97.
- Ren D, **Almudevar AL**, Murphy TF, Lafontaine ER, Campagnari AA, Luke-Marshall N, Casey JR, Pichichero ME (2015) Serum antibody response to *Moraxella catarrhalis* proteins OMP CD, OppA, Msp22, Hag, and PilA2 after nasopharyngeal colonization and acute otitis media in children. *Vaccine*. 2015 Oct 26;33(43):5809-14.
- Summary of Anthony Almudevar's research in the field of pedigree reconstruction. Messing S, Abramowitz MK (2016) Effect of oral sodium bicarbonate on fibroblast growth factor-23 in patients with chronic kidney disease: a pilot study. *BMC Nephrol*. 2016 Aug 5;17(1):114.
- Xie QY, **Almudevar A**, Whitney-Miller CL, Barry CT, McCall MN (2016) A microRNA biomarker of hepatocellular carcinoma recurrence following liver transplantation accounting for within-patient heterogeneity. *BMC Med Genomics*. 2016 Apr 8;9:18.
- Pichichero ME, **Almudevar A** (2016) Serum cytokine biomarkers accurately predict presence of acute otitis media infection and recovery caused by *Haemophilus influenzae*. *Int J Pediatr Otorhinolaryngol*. 2016 Apr;83:200-4.
- Pichichero ME, Casey JR, **Almudevar A**, Basha S, Surendran N, Kaur R, Morris M, Livingstone AM, Mosmann TR (2016) Functional immune cell differences associated with low vaccine responses in infants. *J Infect Dis*. 2016 Jun 15;213(12):2014-9.
- Morris MC, **Almudevar AL**, Casey JR, Pichichero ME (2016) Familial and microbiological contribution to the otitis-prone condition. *Int J Pediatr Otorhinolaryngol*. 2015 Dec;79(12):2174-7.
- Pichichero ME, **Almudevar A** (2016) Inflammation-associated cytokine analysis identifies presence of respiratory bacterial pathogens in the nasopharynx. *Pathog Dis*. Aug;74(6).
- Xu Q, Casey JR, **Almudevar A**, Pichichero ME (2017) Correlation of higher antibody levels to pneumococcal proteins with protection from pneumococcal acute otitis media but not protection from nasopharyngeal colonization in young children. *Clin Microbiol Infect*. Jul;23(7):487.e1-487.e6.

- **Almudevar A**, Pichichero ME (2017) Modeling specific antibody responses to natural immunization to predict a correlate of protection against infection before commencing a clinical vaccine trial. *Hum Vaccin Immunother.* 3;13(10):2316-2321.
- Ren D, **Almudevar AL**, Murphy TF, Lafontaine ER, Campagnari AA, Luke-Marshall N, Pichichero ME (2017) Serum antibody response to *Moraxella catarrhalis* proteins in stringently defined otitis prone children. *Vaccine.* 2017 Jul 26.
- **Almudevar A** (2017) A model for the regulation of follicular dendritic cells predicts invariant reciprocal-time decay of post-vaccine antibody response. *Immunology and Cell Biology.* Oct;95(9):832-842.
- Demian C, Barron B, **Almudevar A** (2018) Effects of the New York State Workers Compensation Board Medical Treatment Guidelines on Return to Work. *J Occup Environ Med.* 2018 Jul;60(7):617-621.
- **Almudevar A**, Pichichero ME (2018) Haemophilus influenzae-protein D specific antibody correlate with protection against acute otitis media in young children. *Vaccine.* Feb 1;36(9):1133-1135.
- Pichichero M, Kaur R, Scott DA, Gruber WC, Trammel J, **Almudevar A**, Center KJ (2018) Effectiveness of 13-valent pneumococcal conjugate vaccination for protection against acute otitis media caused by *Streptococcus pneumoniae* in healthy young children: a prospective observational study. *Lancet Child Adolesc Health.* 2018 Aug;2(8):561-568.
- Pichichero ME, Morris MC, **Almudevar A** (2018) Three innate cytokine biomarkers predict presence of acute otitis media and relevant otopathogens. *Biomark Applic: BMAP-118.*
- Ren D, Xu Q, **Almudevar A**, Pichichero ME (2019) Impaired proinflammatory response in stringently defined otitis prone children during viral upper respiratory infections. *Clin Infect Dis.* 68(9):1566-1574.
- **Almudevar A**, Kaur R, Pichichero M (2019) Statistical projection of post-vaccination antibody kinetics between dosing schedules. *Vaccine.* Jul 26;37(32):4561-4567.
- Patel, S., Shah, L., Dang, N., Tan, X., **Almudevar, A.**, & White, P. M. (2020). SIRT3 promotes auditory function in young adult FVB/nJ mice but is dispensable for hearing recovery after noise exposure. *PloS one*, 15(7), e0235491.