Lab News

According to the CDC, each year around 4,440 babies are born with cleft lip (CL), some with and some without a cleft palate (CP). An estimated 2,650 babies are born with just a CP. This makes it one of the most common birth defects in America. The exact cause of CL and CP remains unknown, making it a fascinating subject for research. According to Google Scholar, some of the most influential papers on this topic (ie: cited more than 100 times) include research by Dr. Vieira and his lab, on this subject as well as tooth agenesis. They are:


Cited 237 times: Complete Sequencing Shows a Role for MSX1 in Non-Syndromic Cleft Lip and Palate: http://jmg.bmj.com/content/40/6/399.short

Cited 167 times: Medical Sequencing of Candidate Genes for Nonsyndromic Cleft Lip and Palate: http://www.plos genetics.org/article/info%3Adoi%2F10.1371%2Fjournal.pgen.0010064#pgen-0010064-go03

Cited 149 times: Impaired FGF Signaling Contributes to Cleft Lip and Palate: http://www.pnas.org/content/104/11/4512.short

Cited 150 times: A Genome-Wide Association Study of Cleft Lip with and without Cleft Palate Identifies Risk Variants Near MAFB and ABCA4: http://www.nature.com/ng/journal/v42/n6/full/ng.580.html

Cited 131 times: Unraveling Human Cleft Lip and Palate Research: http://jdr.sagepub.com/content/87/2/119.short

Cited 108 times: MSX1 and TGFB3 Contribute to Clefting in South America: http://jdr.sagepub.com/content/82/4/289.short

Cited 101 times: MSX1, PAX9, and TGFA Contribute to Tooth Agenesis in Humans: http://jdr.sagepub.com/content/83/9/723.short

Upcoming Events

Dean’s Summer Scholars Journal Club
When: July 7, 14, & 21
Time: 9:00 AM
Where: Salk Hall, Room 384A

Vieira Lab Meeting
When: Tuesday, July 21
Time: 9:00 AM
Where: Salk Hall, Room 403

Vieira Lab Meeting
When: Tuesday, July 21
Time: 9:00 AM
Where: Salk Hall, Room 403

DRDR Meeting
When: Tuesday, July 8
Time: 9:00 AM
Where: Salk Hall, Room 501

For newsletter questions, comments or suggestions please e-mail Alexandre Vieira at arv11@pitt.edu