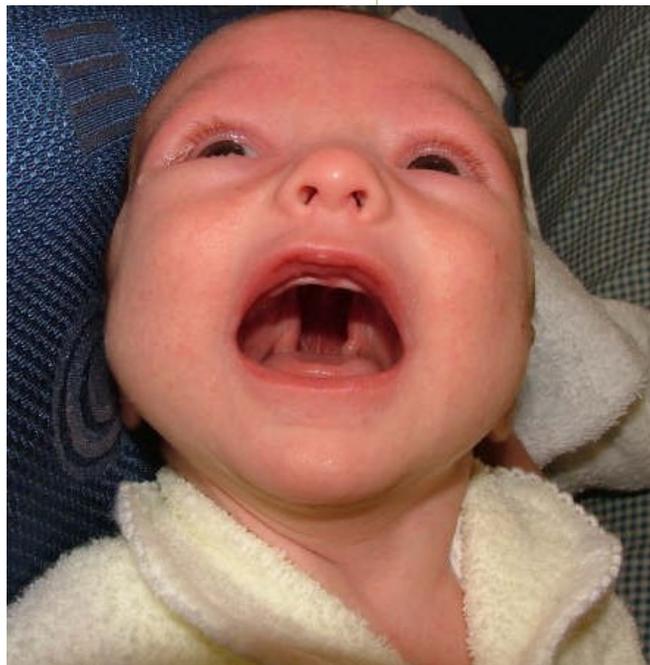




# Vieira Lab Newsletter

## 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 374 times: Interferon Regulatory Factor 6 (IRF6) Gene Variants and the Risk of Isolated Cleft Lip and Palate: <http://www.nejm.org/doi/full/10.1056/NEJMoa032909>

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.plosgenetics.org/article/info%3Adoi%2F10.1371%2Fjournal.pgen.0010064#pgen-0010064-g003>

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

#### 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](mailto:arv11@pitt.edu)

### DRDR Update

Tables show running totals of patient recruitment

#### Subject Recruitment Location

<b>Module 1</b>	1145	<b>Emergency Care</b>	68	<b>UDHS</b>	8
<b>Module 2</b>	1486	<b>Oral Surgery</b>	43	<b>Orthodontics</b>	150
<b>Module 3</b>	540	<b>Pediatric Dentistry</b>	259	<b>Other</b>	87
<b>Module 4</b>	252	<b>Implant Center</b>	15	<b>AEGD</b>	22
<b>Dental Hygiene</b>	286	<b>Prosthodontics</b>	47	<b>Perio</b>	19
<b>Endo</b>	59	<b>Affected by Digestive Disease</b>	52	<b>Not Affected by Digestive Disease</b>	60

### Recruitment Summary

<b>Subjects Recruited</b>	4486
<b>Subjects Declined</b>	745
<b>Compliance Rate</b>	86%