



# Vieira Lab Newsletter

## Lab News

Genetic variants in *ESRRB*, a gene that causes deafness, are associated with dental caries. These findings, published at BMC Genetics, Role of estrogen related receptor beta (*ESRRB*) in DFN35B hearing impairment and dental decay, <http://www.ncbi.nlm.nih.gov/pubmed/25023176>, Weber ML, Hsin HY, Kalay E, Brožková DS, Shimizu T, Bayram M, Deeley K, Kuchler EC, Forella J, Ruff TD, Trombetta VM, Sencak RC, Hummel M, Briseño-Ruiz J, Revu SK, Granjeiro JM, Antunes LS, Antunes LA, Abreu FV, Costa MC, Tannure PN, Koruyucu M, Patir A, Poletta FA, Mereb JC, Castilla EE, Orioli IM, Marazita ML, Ouyang H, Jayaraman T, Seymen F, Vieira AR, suggest that the common etiology of dental caries and hearing impairment provides a venue to assist in the identification of individuals at risk to either condition and provides options for the development of new caries prevention strategies, if the associated *ESRRB* genetic variants are correlated with efficacy.  
BMC Med Genet. 2014 Jul 15;15:81.



## Upcoming Events

### Grant Writing Success Webinars

Recipes for Success for Mid-Career Investigators Webinar for Midcareer Investigators

Thursday, September 11, 2014 12-1 p.m., 355 Salk

Winning NIH Grants: Swimming with Sharks Webinar for Early Career Investigators

Friday, September 12, 2014 12-1:30 p.m., CE Center Auditorium, 2nd floor Salk Hall

### DRDR Meeting

When: September 23, 2014  
Time: 8:00 AM  
Where: 501 Salk Hall

## DRDR Update

*Tables show running totals of patient recruitment*

### Subject Recruitment Location

<b>Module 1</b>	1150	<b>Emergency Care</b>	68	<b>UDHS</b>	8
<b>Module 2</b>	1488	<b>Oral Surgery</b>	43	<b>Orthodontics</b>	150
<b>Module 3</b>	544	<b>Pediatric Dentistry</b>	259	<b>Other</b>	87
<b>Module 4</b>	253	<b>Implant Center</b>	15	<b>AEGD</b>	22
<b>Dental Hygiene</b>	287	<b>Prosthodontics</b>	47	<b>Perio</b>	20
<b>Endo</b>	59	<b>Affected by Digestive Disease</b>	52	<b>Not Affected by Digestive Disease</b>	72

## Recruitment Summary

<b>Subjects Recruited</b>	4500
<b>Subjects Declined</b>	745
<b>Compliance Rate</b>	86%