



# Vieira Lab Newsletter

February 26, 2013  
Volume 7, Issue 7

## Lab Meeting

**Tuesday, March 12th**  
403 Salk Hall at 11am

## Upcoming Events

**4th Pre-AADR Pittsburgh Section  
and Student Research  
Award Competition**  
When: March 8 at 4:30pm  
Where: 458 Salk Hall

## Recent Publications

**Fine-Mapping of 5q12.1-13.3  
Unveils New Genetic Contribu-  
tors to Caries.** Shimizu T, Deeley  
K, Briseño-Ruiz J, Faraco Jr IM,  
Poletta FA, Brancher JA, Pecharki  
GD, Küchler EC, Tannure PN, Lips  
A, Vieira TC, Patir A, Yildirim M,  
Mereb JC, Resick JM, Brandon CA,  
Cooper ME, Seymen F, Costa MC,  
Granjeiro JM, Trevilatto PC, Orioli  
IM, Castilla EE, Marazita ML, Vieira  
AR. Caries Res. 2013 Jan 30;47  
(4):273-283. [Epub ahead of print]

## Student Rotations

3rd-Year dental students are participating in an inter-professional experience as part of their rotations. Students shadow doctors at the UPMC Digestive Disease Center and offer dental evaluations to patients at the DDC. Studies have suggested that periodontal disease is connected to various systemic diseases, such as irritable bowel disease. This rotation aims to give the students experience to working with physicians and nurses in a hospital setting.

### Recruitment Summary

<b>Affected by Digestive Disease</b>	27
<b>Not Affected by Digestive Disease</b>	27

## Lab News

This month, the School of Dental Medicine will hold its 4th Annual Student Research Award Competition. This competition also serves as a practice session for students who will be presenting at the annual IADR meeting. This year's IADR meeting will be March 20th-23rd in Seattle, Washington.

The award competition is open to the public. It will be held on March 8th at 4:30pm in room 458. The following students will compete for an award:

### Presentations

#### *Christine Chung*

Milks Have Positive Effects Comparable to Fluoride on Enamel (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

#### *Shahryar Khaliq*

Beta-Defensin 1 and Caries Experience in the Primary Dentition (to be presented as a poster at the upcoming IADR/AADR Session in Seattle. S. Khaliq is an AADR Bloc Travel grant recipient)

#### *Kenneth Kim*

Studies of Genetic Variation in TRAV4 and Recurrent Aphthous Stomatitis (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

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### Moderators

#### *Dr. Christine Wankiiri-Hale*

#### *Dr. Kelly Williams*

#### *Dr. Michael Dobos*



## DRDR Update

### Recruitment Summary

<b>Subjects Recruited</b>	3885
<b>Subjects Declined</b>	570
<b>Compliance Rate</b>	87%

### Recruitment Location

<b>Module 1</b>	973	<b>Emergency Care</b>	68	<b>UDHS</b>	8
<b>Module 2</b>	1284	<b>Oral Surgery</b>	43	<b>Orthodontics</b>	150
<b>Module 3</b>	470	<b>Pediatric Dentistry</b>	246	<b>Other</b>	77
<b>Module 4</b>	224	<b>Implant Center</b>	15	<b>AEGD</b>	22
<b>Dental Hygiene</b>	235	<b>Prosthodontics</b>	31	<b>Perio</b>	13
<b>Endo</b>	26				



## Lab News (continued)

### **Presentations**

#### ***Serena Hsin***

Case-Control Study Confirms Role of ESRRB in Caries (to be presented as an oral communication at the upcoming IADR/AADR Session in Seattle. S. Hsin is an AADR Bloc Travel grant recipient)

#### ***Sojin Kim***

Beta-Defensin 1 is Associated with Recurrent Aphthous Stomatitis (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

#### ***Chijoke Eseonu***

Revisiting the Etiology of Hemifacial Microsomia (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

#### ***Kate Raffensperger***

Diets Rich in Fruits and Vegetables Predispose to Enamel Erosion (to be presented as a poster at the upcoming IADR/AADR Session in Seattle)

#### ***Garima Sinha***

Retrospective

Study of Relationship between BMI and Periodontal Disease (to be presented as a poster at the upcoming IADR/AADR Session in Seattle. This paper is competing in the junior category for the AADR 2013 Hatton Award)

#### ***Kyle Howell***

Zoledronic Acid, Occurrence of (Jaw) Osteonecrosis among Nursing Home-bound Female Elders (to be presented as a poster at the upcoming IADR/AADR Session in Seattle. K. Howell is an AADR Bloc Travel grant recipient)

#### ***Mathew Pham***

Phosphoryn Expression Elicits Differential Growth Responses in Fibroblasts and Osteoblasts (presented as a poster at the 5<sup>th</sup> Fall Focused AADR Symposium in Pittsburgh November 2012)

#### ***Jason Yang***

Remineralization of Enamel Subsurface Lesions Using Bioinspired Phosphorylated Peptides (original presentation)

#### ***Serena Hsin***

Looking at the Role of Novel Genes in Tooth Agenesis (presented as a poster at the 5<sup>th</sup> Fall Focused AADR Symposium in Pittsburgh November 2012)

#### ***Shahryar Khaliq***

Caries Affect and Susceptibility to Periapical Pathology Formation (presented as a poster at the 5<sup>th</sup> Fall Focused AADR Symposium in Pittsburgh November 2012)

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#### ***Dr. Christine Wankiri-Hale***

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#### ***Dr. Erika Kuchler***

#### ***Dr. Michael Dobos***

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#### ***Dr. Michael Dobos***

#### ***Dr. Mark Mooney***

#### ***Dr. Adriana Modesto***

#### ***Dr. Erika Kuchler***

#### ***Dr. Elizabeth Bilodeau***