

# Vieira Lab Newsletter

## Lab Meeting Schedule 403 Salk Hall

**Vieira Lab meetings are held every other Tuesday from 12:30 to 1:30.**

- **June 9, 2009**

Presenter: Wendy Carricato

Title: TBA

- **June 23, 2009**

Presenter: Steven Barket

Title: Study of Head and Neck Cancer Curriculum in the University of Pittsburgh School of Dental Medicine

- **July 7, 2009**

Presenter: Flavia Martinez de Carvalho

Title: TBA

- **July 28, 2009**

Presenter: Ariadne Letra

Title: TBA

## Recent Publications

Ozturk A, Vieira AR. TLR4 as a risk factor for periodontal disease: a reappraisal.

J Clin Periodontol. 2009 Apr;36(4):279-86. Epub 2009 Mar 11.

Choi SJ, Marazita ML, Hart PS, Sulima PP, Field LL, McHenry TG, Govil M, Cooper ME, Letra A, Menezes R, Narayanan S, Mansilla MA, Granjeiro JM, Vieira AR, Lidral AC, Murray JC, Hart TC. The PDGF-C regulatory region SNP rs28999109 decreases promoter transcriptional activity and is associated with CL/P. Eur J Hum Genet. 2009 Jun;17(6):774-84. Epub 2008 Dec 17.

## Lab News

After a little more than three years of existence, the Dental Registry and DNA Repository is starting to support more and more faculty in their research initiatives. Currently, the projects supported by the DRDR include:

**I. Genetic Analysis and Dental Implant Strategies for Dentinogenesis Imperfecta Patients**

By: Dr. Steve Wendell

Status: In progress

**II. PLUNC Proteins as Novel Biomarkers for Inflammatory Dental Diseases**

By: Dr. Peter Di and Dr. Alexandre R. Vieira

Collaborator: Dr. Joanne Prasad

Status: In progress

**III. Pilot Study of Lip Print Photographs Taken with Dental Camera**

By: Dr. Katherine Neiswanger

Status: In progress

**IV. Profile of Subjects in the Dental Registry and DNA Repository**

By: Dr. Alexandre R. Vieira

Student Researchers: Ida Anjomshoaa, Nicholas Callahan

Status: In progress

**V. Candidate Gene Studies of Mandibular Prognathism Using DNA Samples Acquired from Patient's Saliva**

By: Dr. Maria Tassopoulou-Fishell

Student Researchers: Erica Harvey and Justin Bair

Status: In progress

This project is supported by the 2008 Orthodontic Faculty Development Fellowship Award given to Dr. Tassopoulou-Fishell (Mentor Dr. Alexandre R. Vieira) by the American Association of Orthodontics Foundation

**VI. Pharmacogenetics of Xerostomia**

By: Dr. Kathleen Vergona

Student Researcher: Mitesh Gandhi

Status: In progress

The DRDR is a registry that includes dental clinical descriptions linked to DNA samples created with the goal of enhancing research activities at the School of Dental Medicine.

## Recruitment Summary

<b>Subjects Recruited</b>	1326
<b>Subjects Declined</b>	123
<b>Compliance Rate</b>	91%

## DRDR Update

### Recruitment Location

<b>Module 1</b>	228	<b>Emergency Care</b>	62	<b>UDHS</b>	4
<b>Module 2</b>	533	<b>Oral Surgery</b>	14	<b>Orthodontics</b>	67
<b>Module 3</b>	124	<b>Pediatric Dentistry</b>	33	<b>Other</b>	56
<b>Module 4</b>	73	<b>Implant Center</b>	14	<b>AEGD</b>	15
<b>Dental Hygiene</b>	88	<b>Prosthodontics</b>	7	<b>Perio</b>	1
<b>Endo</b>	7				