



Vieira Lab Newsletter



Lab Meeting Schedule 403 Salk Hall

Lab News

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

- October 29, 2008**
Clefts/Craniofacial Anomalies and Cancer Susceptibility

(Practice talk for the American Society of Human Genetics Conference)

Presenter: Renato Menezes

- November 11, 2008**
Clefts/Craniofacial Anomalies and Cancer Susceptibility

(Practice talk for the American Society of Human Genetics Conference)

Presenter: Renato Menezes

- November 25, 2008**
Speaker and Topic TBA

1,000

Last September 30th, the Dental Registry and DNA Repository (DRDR) recruited its 1,000th subject. This is not only a remarkable achievement by itself, but the proof that after a little more than two years after the recruitment for the project started, the DRDR has demonstrated sustainability. The success has a lot to do with the support from the SDM faculty, staff, and students. Many students, faculty, and staff are subjects of the registry themselves, and potential subjects have been identified by both dental and hygiene students, residents, and by a number of undergraduate students wishing to enter the dental profession. Two of these students, Maria Ferraro (dental student class of 2012) and Adam Perl (dental hygiene student class of 2010) have worked with the DRDR for most of these two years, since they were undergraduates at Pitt.

The DRDR has also attracted interest from other universities. Faculty from the University of Minnesota, University of Kentucky, University of Iowa, and Harvard University have contacted Dr. Vieira requesting information regarding how the DRDR project was designed. Much interest in the University of Pittsburgh is also apparent, and the Clinical and Translational Sciences Institute (CTSI), whose principal investigator is from the Medical School, has provided additional support to the DRDR and the SDM Clinical Research Center in the form of supplies, equipment, and services. Finally, investigators at the SDM have already started to request information from the registry. Two papers with data extracted from the DRDR have been written and submitted for publication, a clear demonstration that the registry will be a valuable resource for investigators at the SDM.



The Shibuya Ward, in Tokyo, is one of the busiest districts in the city. About 250 people can be counted in the image (about 6 months of DRDR recruitment), and the number of people in this corner at rush hour can be somewhere between 500 to 1,000, two years worth of recruitment in the DRDR. The mega Starbucks seen in the photo is the highest profit per square feet in the world.

Upcoming Events

ASDA's 1st Annual Steel City Dental Expo

When: October 30th, 9-3
Where: Scaife Hall (morning)
Peterson Event Center (afternoon)

Recent Publications

Vieira AR, Cooper ME, Marazita ML, Castilla EE, Orioli IM. Reduced folate carrier 1 (RFC1) is associated with cleft of the lip only. *Braz J Med Biol Res.* 2008 Aug;41(8):689-93.

\$3,000,000

Dr. Mary Marazita received an additional 5 years of funding from NIH, a total of US\$3,183,261, for her project "Extending the Phenotypes of Nonsyndromic Orofacial Clefts." Dr. Vieira is co-investigator and responsible for conducting the molecular studies aiming to identify genetic variants that may explain some of the specific clinical presentations of clefts.

Recruitment Summary

Subjects Recruited	1019
Subjects Declined	107
Compliance Rate	90.5%

DRDR Update

Recruitment Location

Module 1	172	Emergency Care	61	UDHS	4
Module 2	452	Oral Surgery	14	Orthodontics	29
Module 3	79	Pediatric Dentistry	23	Other	38
Module 4	58	Implant Center	14	AEGD	10
Dental Hygiene	60	Prosthodontics	4	Perio	1

