



Vieira Lab Newsletter

August 27th, 2013
Volume 8, Issue 1

Lab Meeting

Tuesday, September 3rd
403 Salk Hall at 11am

Recent Publications

Polymorphisms in BMP4 and FGFR1 genes are associated with fracture non-union. Guimarães JM, Guimarães IC, Duarte ME, Vieira T, Vianna VF, Fernandes MB, Vieira AR, Casado PL. *J Orthop Res.* 2013 Aug 12. doi: 10.1002/jor.22455. [Epub ahead of print]

Genetic variation in the promoter region of beta-defensin 1 (DEFB 1) is associated with high caries experience in children born with cleft lip and palate. Krasone K, Lâce B, Akota I, Care R, Deeley K, Küchler EC, Vieira AR. *Acta Odontol Scand.* 2013 Aug 22. [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 working with physicians and nurses in a hospital setting.

Recruitment Summary

Affected by Digestive Disease	44
Not Affected by Digestive Disease	37

Lab News

Dentistry 3000, a new online journal created by Dr. Vieira, has published its first two articles. *Dentistry 3000* is supported by the University Library System, University of Pittsburgh as part of its D-Scribe Digital Publishing



Program and is co-sponsored by the University of Pittsburgh Press. The first two articles are entitled "Lack of association between IRF6 polymorphisms and non-syndromic oral clefts in South Indian population" and "Non-syndromic oral clefts and risk of cancer: a systematic review." These two articles can be accessed from the *Dentistry 3000* website: <http://dentistry3000.pitt.edu/ojs/index.php/dentistry3000>.

Dentistry 3000 was created to address problems that hinder the publishing process. Rigorous peer-review guides decisions for publishing (not individual opinion of what might be more interesting or will gain more readership), no publication charges are in place, and no limitations for paper size are imposed.

DRDR Update

Tables show running totals of patient recruitment.

Recruitment Summary

Subjects Recruited	4024
Subjects Declined	585
Compliance Rate	87%

Subject Recruitment Location

Module 1	1007	Emergency Care	68	UDHS	8
Module 2	1333	Oral Surgery	43	Orthodontics	150
Module 3	485	Pediatric Dentistry	254	Other	78
Module 4	231	Implant Center	15	AEGD	22
Dental Hygiene	257	Prosthodontics	34	Perio	13
Endo	26				