Currently in its fifth month of active recruitment, the Dental Registry and DNA Repository (DRDR) has a total of 243 subjects who have donated a saliva sample as well as the use of their clinical chart information for future dental research investigations. With only 37 individuals declining to participate, the positive compliance rate for participation remains very encouraging.

The American Dental Association also featured a comprehensive article on the DRDR, highlighting its current activities as well as the uniqueness of its design which eliminates the need for future IRB approvals for investigators who use the DRDR as a resource. The full article, by Jennifer Garvin, can be found at the following link: http://www.dental.pitt.edu/vieira_lab/vieira%20ada.pdf

The DRDR continues to concentrate on expansion into additional clinics within the School of Dental Medicine with a particular focus on the Module Clinics, the Urgent Care Clinic and Oral Hygiene. We would like to thank the faculty and staff in each of these three clinics for their invaluable support!

If you would like to become involved or to learn more about the DRDR, please contact Jill Schaefer at 412.383.5944 or at jss73@dental.pitt.edu

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**Lab Meeting Schedule**

- **When: March 16, 2007, 12:30**
  Where: 403 Salk
  Topic: Genetics of Caries in Turkey
  Presenter: Asli Patir
- **When: March 30, 2007, 12:30**
  Where: 403 Salk
  Topic: Update on IADR Meeting
  Presenter: Alexandre R. Vieira

**Upcoming Events**

- **When: March 1, 2007**
  Where: Salk 458
  Topic: “The Use of Quantitative Light Fluorescence (QLF) in the Diagnosis of Early Enamel Demineralization”
  Presenter: Dr. Kevin Donly
- **When: March 14, 2007**
  Where: Salk 363
  Topic: Fluoride release of three different polyacid-modified composite composite resin materials
  Presenter: Asli Patir
- **When: March 22, 2007**
  Where: IADR/AADR Ernest N. Morial Convention Center, New Orleans, LA
  Topic: Oral health assessment in the U.S. within 150 years
  Presenter: Erin Rose
- **When: March 22, 2007**
  Where: IADR/AADR Ernest N. Morial Convention Center, New Orleans, LA
  Topic: Dental Anomalies are an extended phenotype of orofacial clefts
  Presenter: Alexandre R. Vieira
- **When: March 23, 2007**
  Where: IADR/AADR Ernest N. Morial Convention Center, New Orleans, LA
  Topic: Further Evidence on the Association between TGFA and Tooth Agenesis
  Presenter: Nicholas Callahan

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**Lab News**

The DSPP gene provides instructions for making a protein called dentin sialophosphoprotein. Mutations in this gene cause dentinogenesis imperfecta types II and III. In a report of a family with members with several distinct dental anomalies, such as dentinal dysplasia type I, tooth agenesis, and supernumerary teeth; we are describing a mutation in DSPP in an asymptomatic 2-year-old child, which illustrates the ethical pitfalls of interpreting molecular data for genetic counseling of young and/or asymptomatic individuals. This paper reference is Pardo RA, Castillo S, Vieira AR. Genetic studies of a Chilean family with three different dental anomalies. Rev méd Chile 134:1541-1548.

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**Dental Registry and DNA Repository News**

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For questions, comments or suggestions please e-mail Monica Varela at moc7@dental.pitt.edu