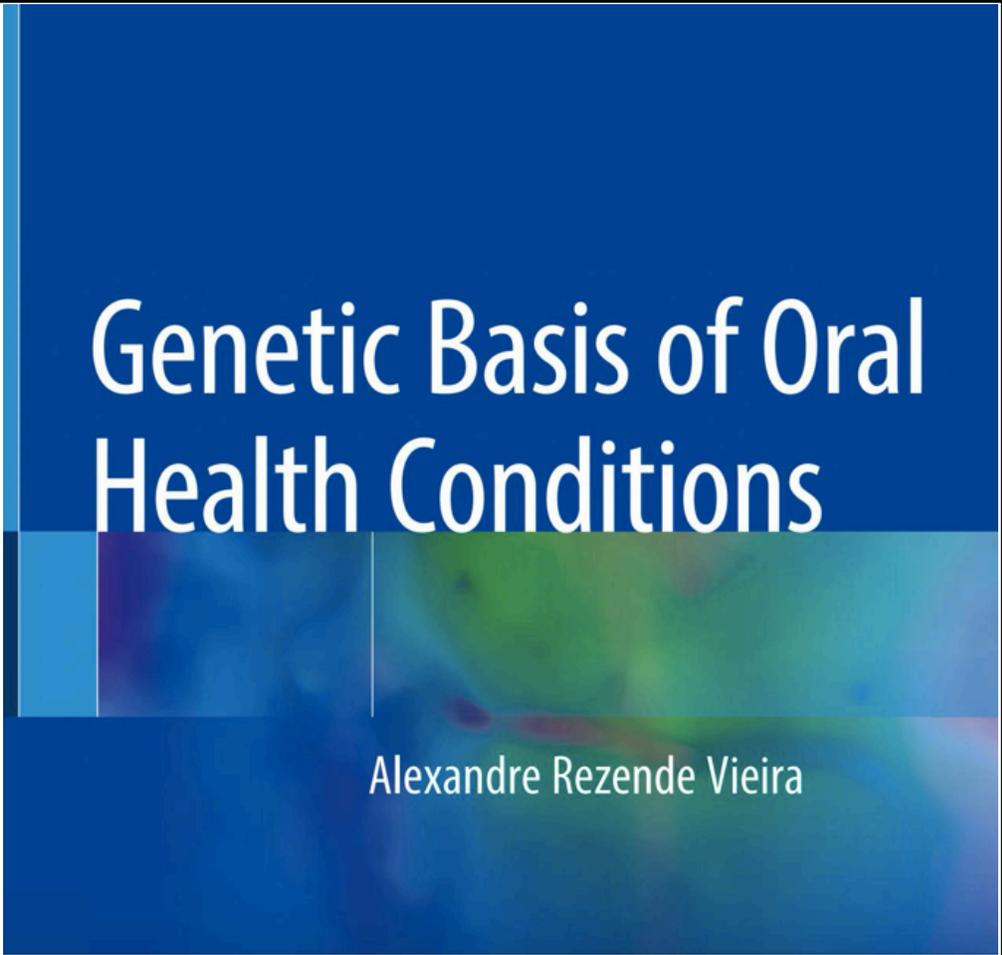# Vieira Lab Newsletter

Lab News

Dr. Vieira's book is now available in hardcover, paperback, Kindle or to rent. This book explains the genetic basis of a wide range of dental disorders, including dental caries, periodontitis, congenital anomalies, malocclusions, orofacial pain, dental implant failure, and cancer. Such conditions are typically multifactorial or complex, with involvement of more than one gene as well as environmental influences. A sound grasp of this framework is ever more important, given the emergence of consumer genomics, including direct-to-consumer genetic testing. Dental professionals now need to understand why one person is susceptible to a particular oral health condition while a first-degree relative either does not develop the condition or does so in a less severe form. Knowledge of how genes operate in the susceptible host is essential if patients are to be offered accurate advice about their risks. The information provided in this book will assist in the delivery of effective personalized dental care through optimization of preventive strategies. It will enable the practitioner to explain the extent to which a patient's condition is pure "bad luck", whether that bad luck can be changed by behavioral choices, and how many of our behaviors are influenced by genes.

Genetic Basis of Oral Health Conditions

Alexandre Rezende Vieira

Upcoming Events

AADR Annual Meeting & Exhibition
July 21-24, 2021
Boston, Mass., USA

IADR/APR General Session & Exhibition
June 22-25, 2022
Chengdu, China

There is no confirmed data on when laboratory activities will resume.

DRDR Updates

The table below shows running totals of patient recruitment.

Subject Recruited 6,697
Subjects Declined 1,272
Compliance Rate   81%
48% male   52% female

Subject Recruitment Location

Module 1	1704	Emergency	75	UDHS	8
Module 2	1938	Oral Surgery	33	Orthodontics	311
Module 3	754	Pediatrics	317	Other	170
Module 4	514	Implantology	15	AEGD	26
Dental Hygiene	429	Prostodontics	130	Periodontics	81
Endodontics	75	Special Needs	117		