

IADR Symposium 385

Will Saliva Translate to a Real Diagnostic Tool?

Saturday 28th July – 08.00-09.30

(Capital Suite 11, Level 3 – ExCel London Convention Centre, London E16 1XL)

Overview

Saliva, as a biological sample with the potential of providing an easily accessible source of biomarkers for both oral and systemic disease, has received significant attention recently. The basis of this symposium is to open discussions surrounding the use of this novel diagnostic medium to ensure it reaches its full potential and allows full translation of use.

To date the majority of studies investigating the diagnostic/prognostic potential of saliva have concentrated on differences between healthy and 'diseased' samples; they have not allowed for the significant variation seen in the composition of normal saliva.

To this end we aim to discuss the results that have been obtained to date, from adults, children and neonates, and determine the best way forward to ensure that we fully understand saliva composition and how this varies with age, with dentition and with varying diets, in a normal population so that we can be truly confident that any disease biomarkers identified will allow true translation of research.

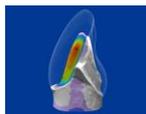
Speakers

- David Wong (*UCLA*) – Saliva Diagnostics and Salivaomics
- Jill Maron (*Tufts Medical Centre, Boston MA*) – Salivary Diagnostics in Paediatrics
- Stuart Hunt (*University of Sheffield*) – Salivary Extracellular vesicles as a Diagnostic Tool
- Henk Brand (*ACTA Amsterdam*) – Individual variation and correlations in the salivary peptide profiles of healthy adults

Learning Objectives

- To generate an appreciation of the complexity of using saliva in diagnostic tests
- To encourage an understanding of why true baseline or population measurements need to be assessed
- To explore the true potential for this novel diagnostic medium

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