

KEY POINTS /BOOKMARKS

C. Migratory Oral Microbiota and Diseases beyond The Mouth emphasizing *Candida albicans* and *auris* (Mycobiota)

- *Strep mutans* and *Candida albicans* are symbiotis in caries disease, effectively causing demineralization at a lower pH.
- “One Health” defines our global relationship and interaction with: Ourselves, Animals and the Globe emphasizing our interdependence.
- The number of disease states associated or caused by an imbalanced microbiota/mycobiota is reflective of our growing application of “Culture - OMICs” and includes but not limited to : CVD, Adverse Pregnancy Out Come (APO) , VAP, COPD, CF, RA, IBD, ColoRectal Cancer (CRC), and Organ Inflammation .
- Leading oral candidates for migration/carcinogenesis include. *F nucleatum* and *Strep mutans* where respectively selected sub types are key: *F. animalis* and *polymorphum* and *S. mutans* non C-serotypes, e,k,and f.
- Mechanisms for tumorigenesis for *F nucleatum* address the FadA mediator which bonds to endothelial cells and increases penetration or leakage of selected invaders (sepsis). This marker could be a very unique biologic indicator of CRC and be a dental office test, highlighting a growing list of Salivary Markers and Oral microbes associated with cancers, providing a rapid screen.