

KEY POINTS /BOOKMARKS

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III. Migratory Oral Microbiota and Diseases beyond The Mouth emphasizing *Candida albicans*

1. *Strep mutans* and *Candida albicans* are symbiotis in caries disease , effectively causing demineralization at a lower pH.
2. “One Health” defines our global relationship and interaction with: Ourselves, Animals and the Globe emphasizing our interdependence.
3. 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 .
4. Leading oral candidates for 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.
5. 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 .