Title: Turmeric in the Treatment of Simple Oral Cavities to Complex Oral disorders

Abstract: Diseases of the oral cavity such as dental caries, gingivitis, periodontitis, oral submucous fibrosis, oral cancer etc., are the most common health problems faced by over 3.5 billion people annually worldwide. Improvements in the pathophysiological understanding of oral diseases have augmented the range of treatment regimens for local and advanced diseases leading to individual treatment plans. However, these therapeutic strategies suffer from limited clinical success because of the mono-targeted approach and due to adverse side effects like vomiting, diarrhea, inflammation, tooth staining, and so on. In addition, prolonged treatment can increase the resistance to antibiotics and chemotherapeutics and make patients susceptible to opportunistic infections. Therefore, the exploration of various alternative treatment approaches is required for the treatment of these diseases. Phytochemicals from plants could be a promising alternative for safe, wide spectrum, and efficacious therapeutic intervention for oral diseases. The present talk highlights the remarkable potential of Turmeric in the prevention and treatment of oral diseases.