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SERIES 84

Prof. Ajaikumar B. Kunnumakkara

2023-04-28

Series – 84

Date and Time – April 28, 2023 (3:00 PM JST)

Venue – Zoom

Speaker – Prof. Ajaikumar B. Kunnumakkara

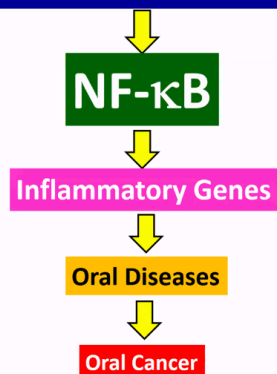
Affiliation – Department of Biosciences and Bioengineering,
Indian Institute of Technology Guwahati, Assam, India.



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 sub-mucous 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 therapeutics 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 highlight the remarkable potential of Turmeric in the prevention and treatment of oral diseases.

Tumor Necrosis Factor- α

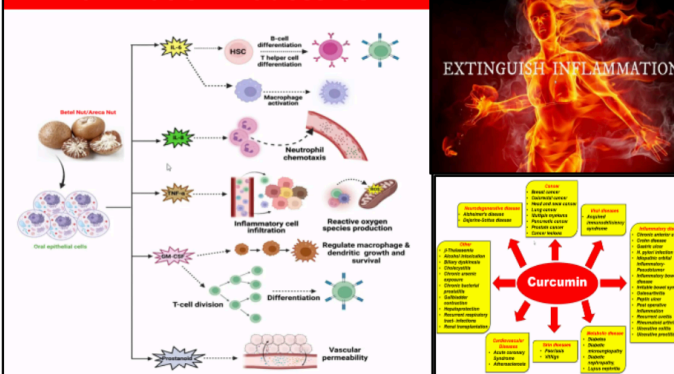


OSMF Risk Factors

➤ Main contributing risk factors are the use of areca nut, tobacco, and crude lime wrapped in betel leaf.



Inflammation induces OSMF



Sonam Lama (Sikkim University)

SG Sosmitha Girisa

SD Souvik Das (Sikkim University)

SK Swathi S

S Suravi Chauhan

SC Suravi Chauhan

SS Swathi S

UD Uzini Devi

VK Vipul Kumar

VR Vishwa R

杉浦慎治

PK Pynhunlang Kharnaor

RW Renu WADHWA (Host, me)

AB Ajaikumar B Kunnumakkara

AG ANUSHKA GARHWAL

AB Aswani Bs

B Bharathwaj

D Dhanraj

DS Dr Shanuja Beri University of Delhi

G' Gurcharan 's iPhone

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KH Kshema Hegde

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MH Mangala Hegde

MD Mayouri Das

MD Mayouri Das

MD Mayouri Das (Sikkim University)

MB Meera Bhutia

ML Minerva Lollen

N Nishara

PK Pankaj Kumar

SY Shi Yang

<45 participants