



SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY, TRIVANDRUM
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Invitation to attend the Achutha Menon Centre seminar

We are pleased to invite you to attend the AMC seminar by:

Dr Belinda Nicolau
&
Dr Sreenath Madathil

Faculty of Dental Medicine and Oral Health Sciences,
McGill University, Montreal, Quebec, Canada

, on the topic:

**“Risk factors for head and neck cancers: what matters when?;
Findings from the HeNCe Life Study.”**

on **14th September, Wednesday, 2.00 PM to 3.30 PM**, at the **Seminar hall, third floor, Achutha Menon Centre for Health Science Studies** of the Sree Chitra Tirunal Institute of Medical Sciences and Technology, Trivandrum.

A note on the talk and a short bio of the speakers is attached herewith.
We look forward to your participation in this seminar.

Yours sincerely

Dr Biju Soman
Professor and head
AMCHSS, SCTIMST

Risk factors for head and neck cancers: what matters when?; Findings from the HeNCe Life Study.

Head and neck cancers (HNC) are a group of malignancies arising in the oral cavity, pharynx and larynx. Although major risk factors of HNC have been identified, the effects of time (duration) and timing of these risk factors are not fully understood. The life course approach in epidemiology provides a solid theoretical framework to study the long-term effect of exposures across one's life on later life disease and health outcomes. This presentation will provide a theoretical overview of the life course approach in chronic disease epidemiology elaborated using the results of the HeNCe Life Study on HNC risk factors in Northern Kerala.

Presenters:

Dr. Belinda Nicolau,
Professor,
Faculty of Dental Medicine and Oral Health Sciences,
McGill University, Montreal, Quebec, Canada.
<https://www.mcgill.ca/dentistry/belinda-farias-nicolau>

As the **Canada Research Chair in Life Course Oral Epidemiology**, Dr Nicolau leads a research program investigating the aetiology of chronic oral diseases using epidemiological methods within a life course approach. Specifically, her research program addresses two major current public health challenges: sharp increases in human papillomavirus-related oral/oropharyngeal cancer and obesity-related diseases (the links between periodontal diseases and obesity).

Dr Nicolau currently leads the life course study on aetiologies of head and neck cancer (HeNCe Life Study) in three countries. She also leads a working group on oral cancer in research across multiple research institutions in Canada, in addition to her role as the president of the **Canadian Association of Dental Research**.

Dr Sreenath Madathil
Assistant Professor,
Faculty of Dental Medicine and Oral Health Sciences,
McGill University, Montreal, Quebec, Canada.
<https://www.mcgill.ca/dentistry/sreenath-madathil>

Sreenath Madathil is an oral epidemiologist whose work lies at the intersection of epidemiology, data science, and machine learning disciplines. His research interest is in implementing advanced statistical models and machine learning algorithms to support the clinical decision-making process in oral health care.

Dr Madathil developed a Bayesian approach to investigate the life course hypothesis and further investigated the effect of betel quid chewing among the South Indian population on the risk of developing oral cancer using this approach.