

ORAL BIOLOGY

Grey Lab



Center for
Interdisciplinary
Translational
Research



Core Research Areas

- *Comparative Dental Anatomy*
- *Salivary Biomarkers (oral cancer, Attention deficit syndrome, Down's syndrome, Hemophilia)*
- *Salivary diagnostics (cancer risk assessment, Caries risk assessment, periodontal health, implant health)*
- *Organotyping (Disease modelling)*
- *Oral microbiome & Immunology*
- *Anthropology*
- *Craniofacial development*
- *Novel Biomaterials*
- *Orofacial Pain*
- *Crystallography*

Save-Tooth

Teeth Repository



Save-Tooth repository has a huge collection of tooth samples ready to use for learning and research purpose.

Samples Available

Single tooth (Permanent)

Single tooth (Deciduous)

Full tooth Set (28nos)

Saldi-Sav Saliva Diagnostics



SERVICES AVAILABLE

SARS-CoV 2 Elisa Total AB

SARS-CoV 2 Elisa IgG

Total protein

Artificial saliva –Spray

Artificial saliva – Lotion

Caries risk assessment

Cancer risk assessment

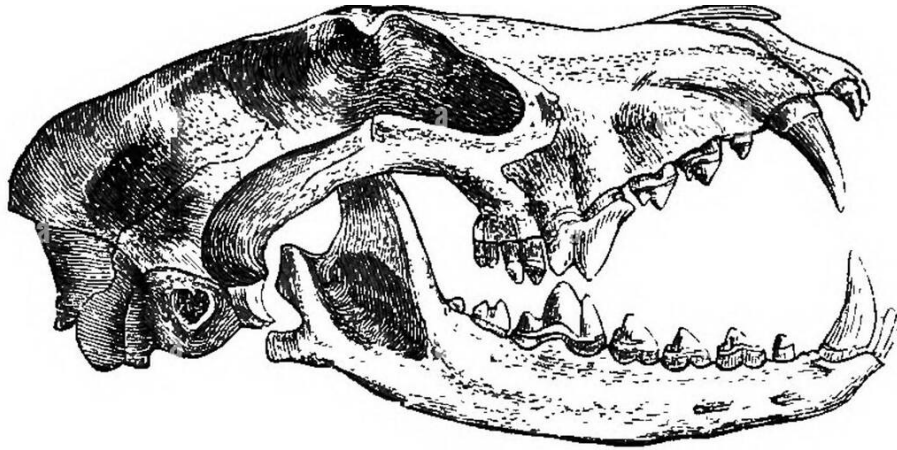
Salivary profiling – Oral Health assessment

Xerostomia Assessment

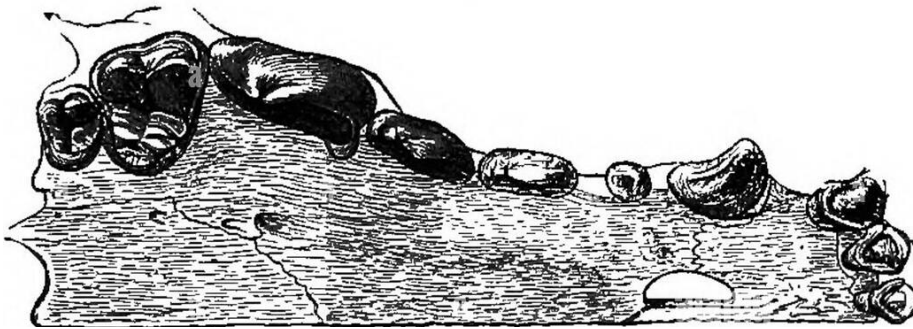
Sjogren's Assessment

Speci-Sav

Rare specimen collectibles & Slides



A



Samples Available

Tissues from Rat & Mouse

Tissue from Rabbit

Rare Vertebrates

Rare Invertebrates

Services Available

Histology Slides - Hematoxylin & Eosin Staining

Histology Slides - Special Stains

Histology Slides - Sections for IHC

OUR TEAM



*Dr. R. Ramya. M.D.S., Ph.D.,
Professor & Head,*

Prof. Dr. R. Ramya, has a doctoral degree in Oral Pathology with teaching and research Experience of 14 years. Her research interests include Oral cancer, Bio-Nanotechnology, Oral Biology and Salivary Diagnostics. She has 2 National level innovation awards, 11 patents, 85 publications, 4 books, 3 sponsored research to her credit.



*Dr. T.A. Lakshmi., M.D.S.,
Assistant Professor*

Dr. Lakshmi. T.A, has a post graduate degree in Oral Pathology with a teaching and research experience of 2 years. She was awarded Mrs Sakunthala Kalyanasundaram Gold Medal in MDS. Her research interests include Education Innovation, Oral Cancer, OPMD and Salivary gland lesions

OUR TEAM



*Dr.S,Sandhya. M.D.S.,
Assistant Professor*

Dr. Sandhya Sundar, has a postgraduate degree in Oral Pathology with a teaching and research experience of 2 years. She has obtained fellowships in whole body cytology, forensic odontology and cochrane systematic review. Her research interests include Molecular pathology & genetics, salivary diagnostics, Immunology and oral microbiome.



*Dr.P.Suganya. M.D.S.,
Assistant Professor*

Dr.Suganya Panneer Selvam, has a post graduate degree in Oral Pathology with a teaching and research experience of 2 years. She was awarded Koka Anjan Award & Dr.Vishwanathan Award in her academics. Her research interests include Structure of tooth, Cellular morphology in developing tooth germ, Odontogenic cysts and tumors, Oral potentially malignant disorders.

Contact Us

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