



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)

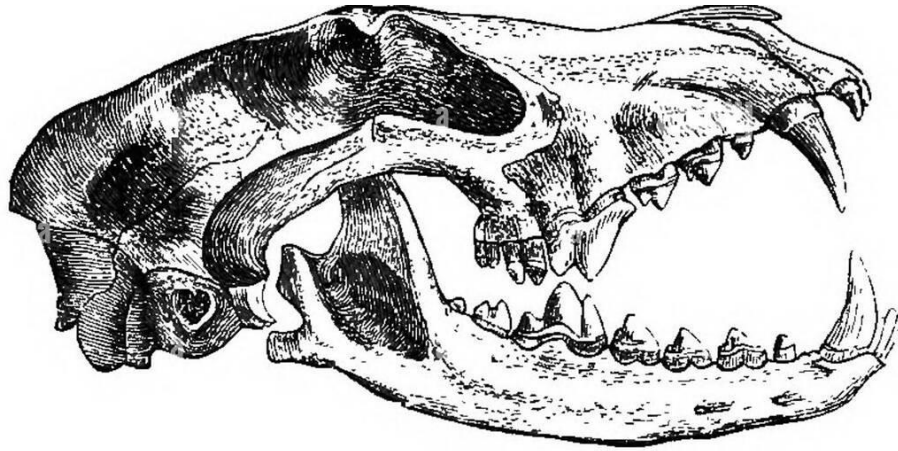
Saldi-Sav Saliva Diagnostics



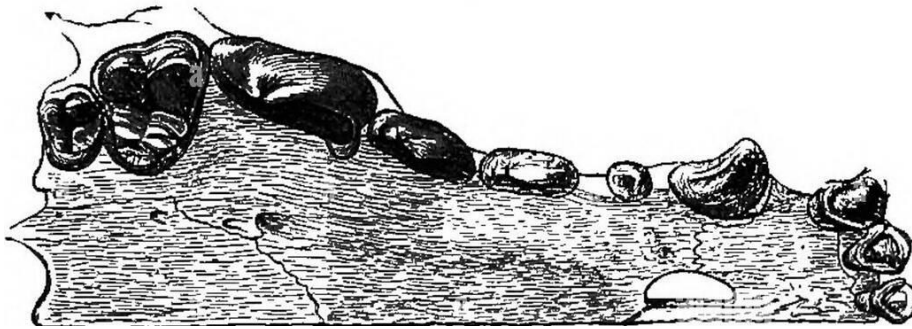
SERVICES AVAILABLE
SARS-CoV 2 Elisa Total AB
SARS-CoV 2 Elisa IgG
Total protein
Artificial saliva – Spray
Artificial saliva – Lotion
Caries risk assessment
Cancer risk assessment
Salivary profiling – Oral Health assessment
Xerostomia Assessment
Sjogren's Assessment

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.,PhD.,
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.

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.

OUR TEAM



Dr. K.Nitya M.D.S.,
Research Scientist

Dr.Nitya K, has a post graduate degree in Oral Pathology with a teaching and research experience of 2 years. She was awarded shanker Rao Award from India Dental Association for securing highest marks in Oral pathology and received many best paper and poster awards both in UG & PG. Her Research interests are salivomics, oral cancer diagnosis & therapeutics.



Dr. K.Hemashree. M.D.S.,
Research Scientist

Dr.Hemashree K has completed her Masters in Dental Surgery in Oral Pathology with distinction from Saveetha Dental College. She has been awarded for her high-impact journal publication and holds a distinction in anatomy and physiology. Moreover, she has a patent publication for a low-cost tissue microarray. Her research interests mainly include salivary biomarkers and oral squamous cell carcinoma. Currently, she is pursuing a PhD in Oral cancer and its molecular biology.

Contact Us
Grey Lab

Department of Oral Biology,
5 th Floor, Saveetha Dental College,
Chennai-77

<https://saveetha-oral-biology.squarespace.com>

Email -obio.sdc@gmail.com