

DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY & MICROBIOLOGY

E-LEARNING CLASS RECORDS

COURSE: BACHELOR OF DENTAL SURGERY

YEAR: CRI

SUBJECT: ORAL AND MAXILLOFACIAL PATHOLOGY

DATE: 04.05.2020 to 09.05.2020


| CIRCULAR NO | DATE | TIMING | TOPIC | FACULTY | NO. OF PARTICIPATING STUDENTS |
|--------------------------------|----------|-------------------|---|-------------------------|-------------------------------|
| - | 4.5.2020 | 9.00 – 10.40AM | Laboratory investigations for diabetes mellitus | Dr. Sumathy | Three |
| CDCRI/OP/PG/2020/046 – 4 (4/7) | 7.5.2020 | 11.05 AM-12.00 PM | Journal discussion - miRNA | Dr. Krithigaa Sivaraman | Three |
| CDCRI/OP/PG/2020/046 – 6 (6/7) | 8.5.2020 | 12.25 – 01.25 PM | Stages of tooth development | Dr. Leo Caroline | Three |
| CDCRI/OP/PG/2020/063 – 2 (2/3) | 9.5.2020 | 8.30 – 10.20 AM | Fungal infections of the oral cavity-2 | Dr. Nachiammai | Three |

CDCRI/OP/2020/050

04.05.2020

DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

RECORD OF e CLASS

| | |
|---------------------------|--|
| PLATFORM |  GoToWebinar https://global.gotomeeting.com/join/352580997 |
| DATE | 04.05.2020 |
| TIMING | 09.00 AM TO 10.40AM |
| SESSION | DIABETES MELLITUS |
| PRESENTING FACULTY | Dr.SUMATHY,HOD,DEPARTMENT OF BIOCHEMISTRY |
| UG PARTICIPANTS | CRI POSTED IN ORAL PATHOLOGY- 3 participants (Raghul Maran, Akshaya,L.Deepika) IV BDS |



FACULTY: DR.SUMATHY

PRESENTATION SHARED SCREEN

The screenshot shows a Zoom meeting interface with a presentation slide titled "BIOCHEMICAL INVESTIGATIONS IN D.M". The slide content is as follows:

- **C-peptide**, Differentiates between type I (low) type II (normal or high) - for **diagnosis**
- **Blood Glucose** – for **diagnosis and monitoring**-
Fasting blood glucose (FBG)
Post prandial glucose (PP)
OGGT= Oral glucose tolerance test – for diagnosis
- **HbA1c** = Glycated hemoglobin- for **diagnosis and monitoring**
- **Lipid profile** - for **monitoring complications**
- **Blood and urine Ketones** – for **monitoring complications**
- **Serum creatinine** - for **monitoring complications**
- **Microalbuminuria** – for **monitoring complications**
- **Fasting insulin** (reference 3–8 uIU/mL) for **diagnosis**
- **ICA** = islet cell antibodies – for **diagnosis Type 1**

The meeting interface shows participants: Home, Vaishali Venkat, Valarmathi. M, Revanth Kumar, Sumathypurandhar, and Keerthana S. A status bar at the bottom indicates "Vaishali Venkat is presenting" and "Slide 47 / 52".

FACULTY:DR.SUMATHY



Chettinad
Dental College & Research Institute

PRESENTATION VIDEO TITLE SLIDE

Diabetes Mellitus

Dr. SUMATHY.S

Prof & HOD

Department of Biochemistry

CHRI

5/4/2020

1



FACULTY: DR.SUMATHY

PRESENTATION PARTICIPANTS ATTENDANCE



Chettinad
Dental College & Research Institute

9:08



Attendees

Done



Aswini S



Bhavana



Clement



Daya



Dilshad Banu



Dr Akshaya S R



Geerthana Janakiraman



Haritha RK



Harshne



Harushi



Hemalatha



Home



Ilavarasi Kamatchi Nathan



Iswarya Srinivasan



Jeevan Joshua



Jessica



Chettinad

Dental College & Research Institute

9:07



Attendees

Done



Deepika L
Me



Vaishali Venkat
Organizer, Presenter



Aarthy



Akansha Stephen



Alagappan Meyyappan



Aswini S



Bhavana



Clement



Daya



Dilshad Banu



Dr Akshaya S R



Geerthana Janakiraman



Haritha RK



Harshne



Harushi



Chettinad

Dental College & Research Institute

9:06



Attendees

Done



Naresh



Nivashini



Poornima



Poornima (offline)



Prathusha



Qurathul Ayn Fathima



R Madhuvathani



Raghul Maran



Rajprithivika



RaniSanthiya Suresh



Raveena



Rebecca Joseph



Revanth Kumar



Sadasiva Kadandale



Sagaya Mary



Shahana Fathima S (offline)



~~Shanmadby Srinivasan~~


Sumathypurandhar is talking

72% 09:21

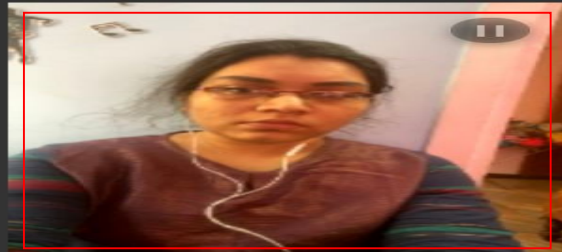
Classification of Diabetes

- Type 1
- Type 2
- Other specific types
- Gestational Diabetes Mellitus

5/8/2020



Video call interface showing a woman in an orange shirt and a small inset of a man. The interface includes a status bar at the top with signal strength, VoLTE, LTE, and battery level (72%) and time (09:21). Below the status bar, it says "Sumathypurandhar is talking". The main content area displays a slide titled "Classification of Diabetes" with a list of types: Type 1, Type 2, Other specific types, and Gestational Diabetes Mellitus. The date "5/8/2020" is visible at the bottom left of the slide. The video call interface at the bottom shows a woman in an orange shirt and a small inset of a man. The interface includes a status bar at the top with signal strength, VoLTE, LTE, and battery level (72%) and time (09:21). Below the status bar, it says "Sumathypurandhar is talking". The main content area displays a slide titled "Classification of Diabetes" with a list of types: Type 1, Type 2, Other specific types, and Gestational Diabetes Mellitus. The date "5/8/2020" is visible at the bottom left of the slide. The video call interface at the bottom shows a woman in an orange shirt and a small inset of a man. The interface includes a status bar at the top with signal strength, VoLTE, LTE, and battery level (72%) and time (09:21). Below the status bar, it says "Sumathypurandhar is talking". The main content area displays a slide titled "Classification of Diabetes" with a list of types: Type 1, Type 2, Other specific types, and Gestational Diabetes Mellitus. The date "5/8/2020" is visible at the bottom left of the slide.






CDCRI/OP/PG/2020/046 – 4 (4/7)07.05.2020

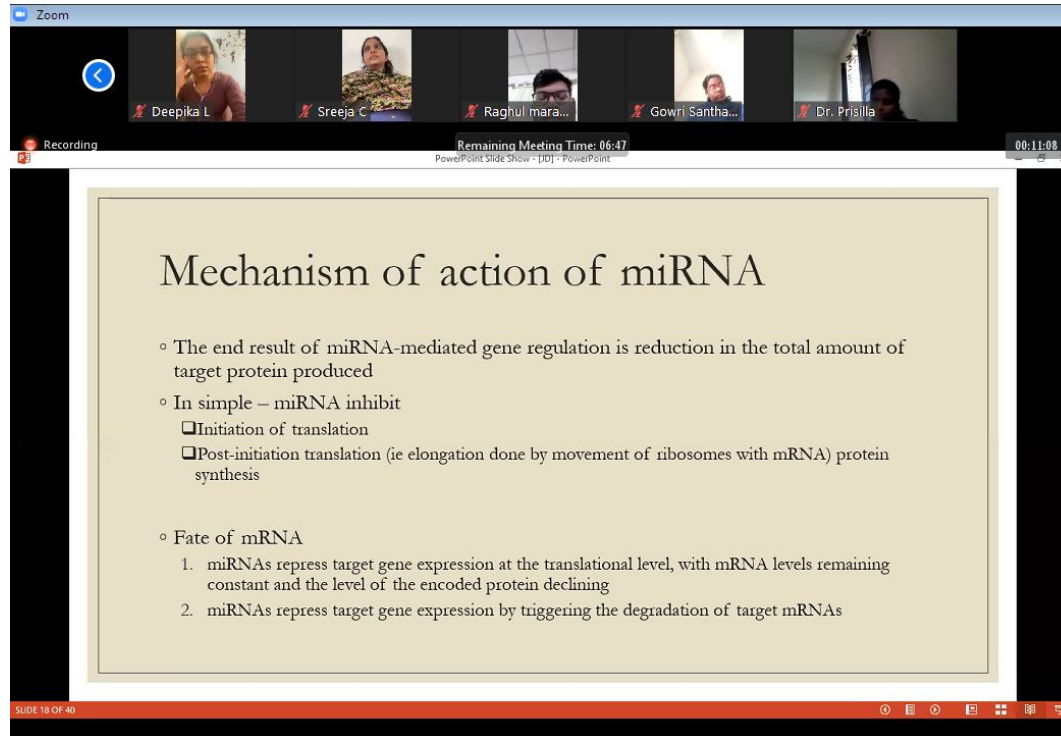
DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

RECORD OF e CLASS

| | |
|--------------------|--|
| PLATFORM |  https://us04web.zoom.us/j/4702236299 |
| DATE | 07.05.2020 |
| TIMING | 11.05 AM TO 12.00PM |
| SESSION | JOURNAL DISCUSSION -miRNA |
| PRESENTING FACULTY | Dr.KRITHIGAA SIVARAMAN,PG,DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY |
| UG PARTICIPANTS | CRI POSTED IN ORAL PATHOLOGY- 3 participants (Raghul Maran, Akshaya,L.Deepika) |

Dr.KRITHIGAA SIVARAMAN

PRESENTATION SHARED SCREEN



Zoom

Recording

Remaining Meeting Time: 06:47

PowerPoint Slide Show - [10] - PowerPoint

00:11:08

Mechanism of action of miRNA

- The end result of miRNA-mediated gene regulation is reduction in the total amount of target protein produced
- In simple – miRNA inhibit
 - ☐ Initiation of translation
 - ☐ Post-initiation translation (ie elongation done by movement of ribosomes with mRNA) protein synthesis
- Fate of mRNA
 1. miRNAs repress target gene expression at the translational level, with mRNA levels remaining constant and the level of the encoded protein declining
 2. miRNAs repress target gene expression by triggering the degradation of target mRNAs

SLIDE 18 OF 40

Dr.KRITHIGAA SIVARAMAN



PRESENTATION VIDEO INTRODUCTION SLIDE

PowerPoint Slide Show - [JD] - PowerPoint

Introduction

- Complex genetic programmes that regulate the development and function of immune cells, and the immune system to mount specific responses against invading foreign pathogens while maintaining tolerance to self.
- Aberrant regulation of the immune system leads to various immune-related pathological disorders as autoimmune diseases and leukaemias.
- Post-transcriptional regulation of gene expression has a significant role in the development and function of immune cells
- The mediators of these processes are known as microRNAs (miRNAs) — an abundant class of **endogenous small non-coding RNAs** of approximately **22 nucleotides in length** that can regulate gene expression post-transcriptionally by affecting the degradation and translation of target mRNAs.

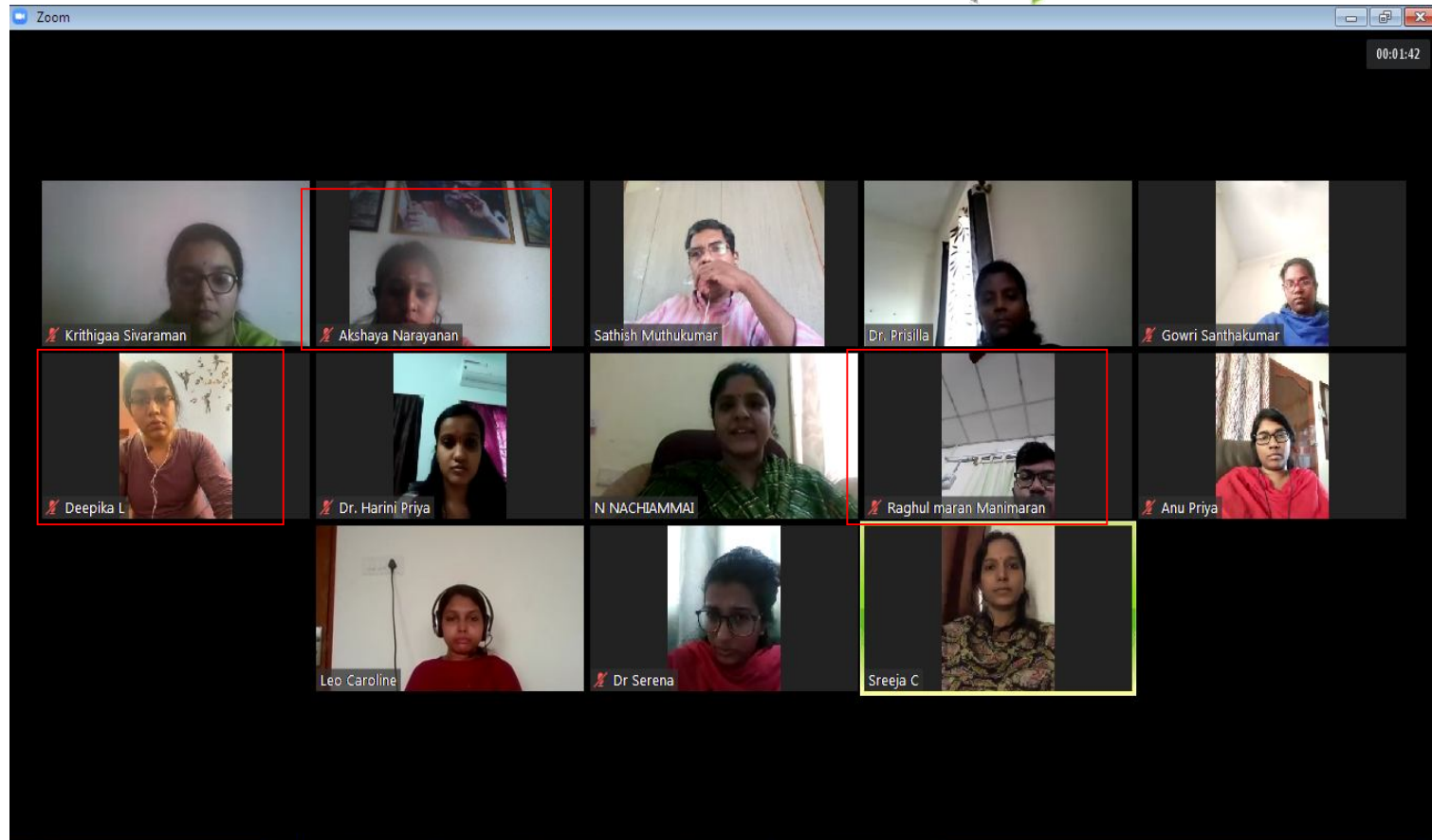
00:02:56

SLIDE 12 OF 40

Video call participants:

- N NACHIAMMAL
- Sreeja C
- Gowri Santhakumar
- Deepika L

Dr.KRITHIGAA SIVARAMAN
PRESENTATION PARTICIPANTS ATTENDANCE





Participants (14)

Find a participant

AN

Akshaya ... (Me)

Unmute

More >

KS

Krithigaa Sivara... (Host)

SM

Sathish Muthukumar

Anu Priya

DL

Deepika L

DS

Dr Serena

Dr. Harini Priya

Dr. Prisilla

g

Gowri Santhakumar

Leo Caroline

Merlin Jayaraj

NN

N NACHIAMMAI

K

Raghul maran Manimaran

Sreeja C

Invite


Unmute Me

Raise Hand

CDCRI/OP/PG/2020/046 – 6 (6/7)08.05.2020

DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

RECORD OF e CLASS

| | |
|--------------------|--|
| PLATFORM |  https://us04web.zoom.us/j/7837677212?pwd=eHdYdU5YU3QwZVRFR25XQkc3NkI2QT09 |
| DATE | 08.05.2020 |
| TIMING | 12.25 PM TO 01.25 PM |
| SESSION | SEMINAR- STAGES OF TOOTH DEVELOPMENT |
| PRESENTING FACULTY | Dr.LEO CAROLINE , I-PG,DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY |
| UG PARTICIPANTS | CRI POSTED IN ORAL PATHOLOGY- 3 participants (Raghul Maran, Akshaya,L.Deepika) |

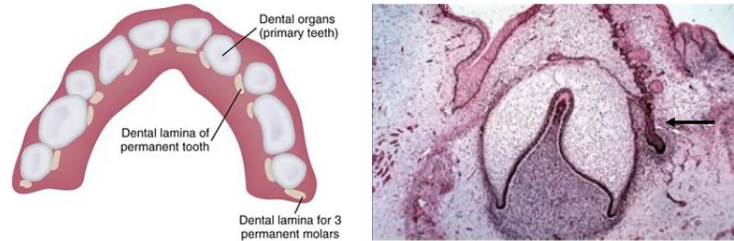
Dr.LEO CAROLINE

PRESENTATION SHARED SCREEN

Recording 00:04:41

DENTAL LAMINA

- Primordium for the ectodermal portion of the deciduous teeth.
- Distal extension – primordium for permanent molars.
- The lingual extension of the dental lamina - **successional lamina**
- Develops from 5th month in utero to 10th month of age



The diagram on the left shows a cross-section of the dental arch with labels: 'Dental organs (primary teeth)', 'Dental lamina of permanent tooth', and 'Dental lamina for 3 permanent molars'. The histological section on the right shows the 'Successional lamina' with an arrow pointing to the lingual extension.

Deepika L
Krithiga Sivaraman
Dr. Harini Priya
Merlin Jayaraj

Dr.LEO CAROLINE
PRESENTATION VIDEO TITLE SLIDE

You are viewing Leo Caroline's screen View Options

tooth development - PowerPoint caroline susai 00:00:38

File Home Insert Design Transitions Animations Slide Show Review View Help Tell me what you want to do

Clipboard Slides

Layout • New Slide • Section • Paste • Reset • Font • Paragraph • Drawing • Arrange • Quick Styles • Find

1 Chettinad STAGES OF TOOTH DEVELOPMENT

2 SYNOPSIS

3 INTRODUCTION

4 PRIMARY EPITHELIAL RING


5 DENTAL LAMINA

6 PACE OF DENTAL LAMINA

Chettinad Dental College & Research Institute
Department of Oral & Maxillofacial Pathology

STAGES OF TOOTH DEVELOPMENT

Dr. LEO CAROLINE.M
1st MDS
DEPARTMENT OF ORAL PATHOLOGY
08/05/2020



Akshaya Narayanan

Krithigaa Sivaraman

Dr Serena

Unmute Stop Video Participants 14 Chat Share Screen Record Reactions Leave Meeting

Dr.LEO CAROLINE
PRESENTATION PARTICIPANTS ATTENDANCE



Participants (14)

Find a participant

| | | |
|----|------------------------|--|
| AN | Akshaya Narayanan (Me) | |
| LC | Leo Caroline (Host) | |
| SM | Sathish Muthukumar | |
| | Anu Priya | |
| DL | Deepika L | |
| DS | Dr Serena | |
| | Dr. Harini Priya | |
| G | GOWRI | |
| KS | Krithigaa Sivaraman | |
| | Merlin Jayaraj | |
| NN | N NACHIAMMAL | |
| K | Raghul maran Manimaran | |
| | Sreeja C | |
| g | Gowri Santhakumar | |

Invite

Unmute Me

Raise Hand

Slide 1 of 84 English (India) Notes Comments 67%

Zoom 40-Minutes

Recording 00:19:33 Speaker View

Deepika L Akshaya Narayanan Raghul maran Manimaran N NACHIAMMAI

Krithigaa Sivaraman Leo Caroline Gowri Santhakumar Merlin Jayaraj


Anu Priya Sreeja C Beela A

Unmute Stop Video Participants 11 Chat Share Screen Record Reactions Leave Meeting

CDCRI/OP/PG/2020/063 – 2 (2/3) 09.05.2020

DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

RECORD OF e CLASS

| | |
|--------------------|--|
| PLATFORM |  https://us04web.zoom.us/j/73415968169 |
| DATE | 09.05.2020 |
| TIMING | 08.30 AM TO 10.20 AM |
| SESSION | LECTURE- FUNGAL INFECTIONS OF ORAL CAVITY - 2 |
| PRESENTING FACULTY | Dr.NACHIAMMAI. N , DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY |
| UG PARTICIPANTS | CRI POSTED IN ORAL PATHOLOGY- 3 participants (Raghul Maran, Akshaya,L.Deepika) III BDS |