

RECORD OF e CLASS USING ZOOM WEBINAR

ZOOM WEBLINK:3388413098
TOTAL NUMBER OF PRESENT:97

PRESENTATION	LECTURE
TOPIC	FOLIC ACID
PRESENTER	DR.VINOTH
DEPARTMENT	DEPARTMENT OF BIO CHEMISTRY
DATE	04.05.2020
TIMING	9.30 AM TO 10.30 AM
UG PARTICPANTS	FIRST YEAR BDS 2019 - 2020



FOLIC ACID 2018 (Protected View) - Microsoft PowerPoint (Product Activation Failed)

File Home Insert Design Transitions Animations Slide Show Review View

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Slides Outline

1 FOLIC ACID 

2 VITAMINS

- GENERAL INFO
- DIETARY SOURCES
- RECOMMENDED DAIRY ALTERNATIVES
- ABSORPTION, TRANSPORT & STORAGE
- BIOCHEMICAL FUNCTION
- OVERLAP WITH OTHER VITAMINS
- ARE THERE ANY

3 Folic acid

- Folate is the generic name for folic acid and all related compounds bearing the structure of folic acid.
- Other names: Phenylsulfonyl acid, Vitamin B9, Vitamin M.

4 Chemistry 
Folic acid
Folic acid is a water-soluble vitamin. It is found in many foods, including leafy green vegetables, citrus fruits, and fortified cereals. It is essential for the production of red blood cells and for the normal growth and development of the body.

5 DIETARY SOURCES 
Folic acid is found in many foods, including leafy green vegetables, citrus fruits, and fortified cereals. It is essential for the production of red blood cells and for the normal growth and development of the body.

Slide 1 of 25 'Office Theme'

76%



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FOUC-ACID_2018 (Protected View) - Microsoft PowerPoint (Product Activation Failed)

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Slides Outline

5 **DIETARY SOURCES**


6 **RDA**

7 **ABSORPTION, TRANSPORT**

8

9 **ACTIVE FORM (DI COENZYME FORM)**

DIETARY SOURCES



- Animals cannot synthesize Pteridine base and it cannot attach it to PABA hence animal food won't give you folic acid.
- Plant source is the best source & it is present as **Polyglutamate** form

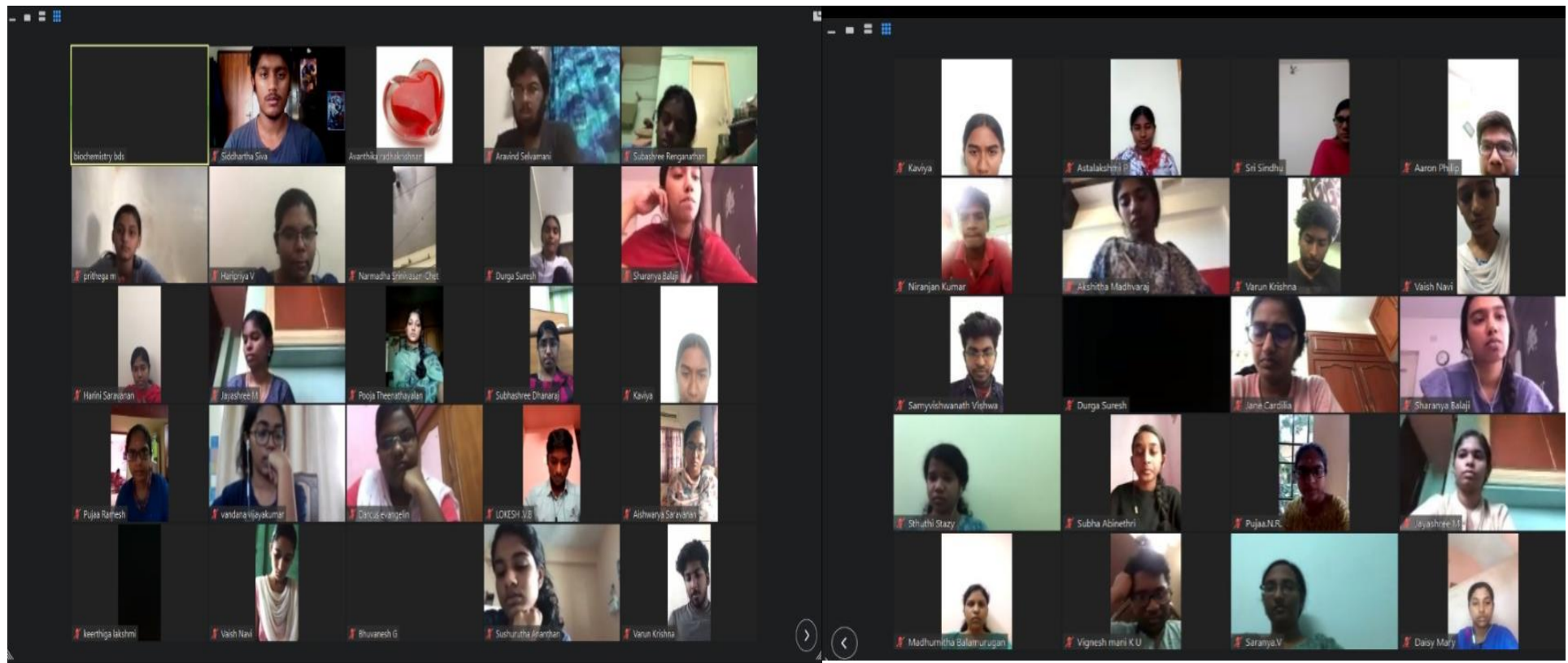
Folate is especially abundant in green, leafy vegetables (think "foliage"). Fruit and vegetable juices and fresh, uncooked fruits and vegetables are excellent folate sources. Liver, too, is folate-rich.

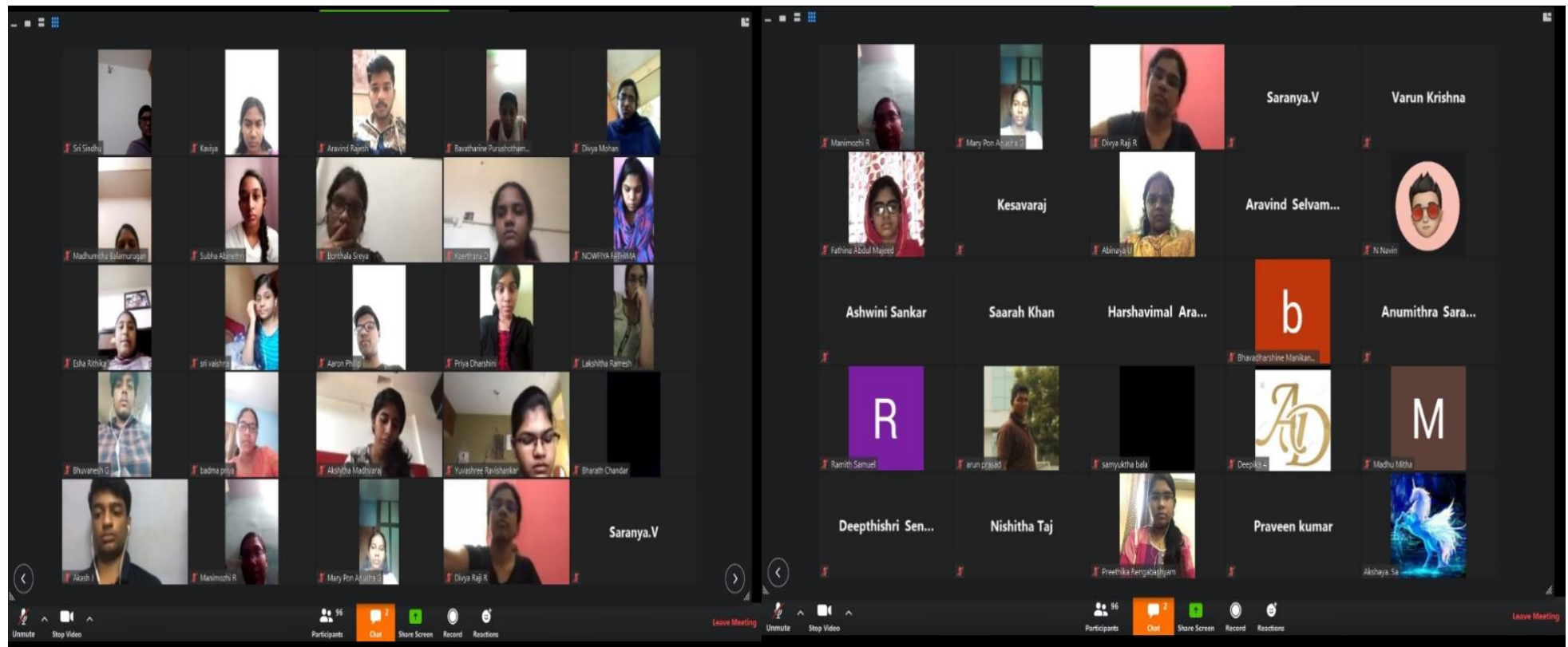
THF & all its different forms are available in food

Yeast, liver, green leafy vegetables are the best sources

Slide 5 of 25 'Office Theme'

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The screenshot displays a Zoom meeting interface with 20 participants arranged in a 4x5 grid. The participants' names and profile pictures are visible in each tile. The bottom toolbar contains the following controls: Unmute, Stop Video, Participants (96), Chat, Share Screen, Record, and Reactions. The meeting title 'Leave Meeting' is displayed at the bottom right.































Row	Column	Participant Name
1	1	Sri Sindhu
1	2	Kaitya
1	3	Aravind Rajan
1	4	Ravatharav Purushotham...
1	5	Diya Mohan
2	1	Madhumitha Balanuragan
2	2	Sukha Abinash
2	3	Borthala Sreyas
2	4	Kaerthana D
2	5	NOWRYA FAJHIMA
3	1	Elha Rithika
3	2	sri reishna
3	3	Aaron Pragas
3	4	Priya Charsini
3	5	Lakshitha Ramesh
4	1	Bhuvanesh G
4	2	badma priya
4	3	Akshitha Madhwaraj
4	4	Yuvashree Ravishankar
4	5	Bharath Chandar


































Row	Column	Participant Name
1	1	Manimozhi R
1	2	Mary Pon Alutha S
1	3	Diya Raji R
1	4	Saranya.V
1	5	Varun Krishna
2	1	Fathima Abdul Majeed
2	2	Kesavaraj
2	3	Abinaya V
2	4	Aravind Selvam...
2	5	N Navin
3	1	Ashwini Sankar
3	2	Saarah Khan
3	3	Harshavimal Ara...
3	4	b
3	5	Anumithra Sara...
4	1	Ramith Samuel
4	2	aran prasad
4	3	samyaktha bala
4	4	Deepika
4	5	Madhu Mitha























Row	Column	Participant Name
1	1	Deepthishri Sen...
1	2	Nishitha Taj
1	3	Preethika Rengasagham
1	4	Praveen kumar
1	5	Akshaya Sa























Close Participants (97)

























Search




















	Niranjan Kumar (me)	 
	biochemistry bds (host)	 
	Akshaya. Sa	 
	Abinaya U	 
	Aishwarya Saravanan	 
	Aishwarya.k	 
	Akash J	 
	Akshitha Madhvaraj	 
	Anumithra Saravanan	 
	Anusaya Babu	 


































	Aravind Rajesh	 
	Aravind Selvamani	 
	arun prasad	 
	Ashwini Sankar	 
	Astalakshmi P	 
	Avanthika radhakrishnan	 
	badma priya	 
	Bavatharine Purushothaman	 
	Bharani Dharan	 
	Bharath Chandar	 
	Bhavadharshine Manikandan	 


































	Bhuvanesh G	
	Bonthala Sreya	
	charu	
	Cyril Mathew Emmanuel	
	Daisy Mary	
	Darcus evangelin	
	Deepika A	
	Deepthishri Senthilkumar	
	Divya Mohan	
	Divya Raji R	
	Durga Suresh	












	Esha Rithika	
	Fathina Abdul Majeed	
	Gunali G.V	
	Harini Natarajan	
	Harini Saravanan	
	Haripriya V	
	Harshavimal Aravind	
	Jane Cardilia	
	Jayashree M	
	Kaviya	
	Keerthana D	

D	Keerthana Sudhakar	  >
k	keerthiga lakshmi	  >
K	Kesava Raj	  >
	Lakshikhaa Shri Vengatachalam	  >
LR	Lakshitha Ramesh	  >
L.	LOKESH .V.B	  >
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MP	Mary Pon Anusha G	  >
NR	Nandhini R	  >

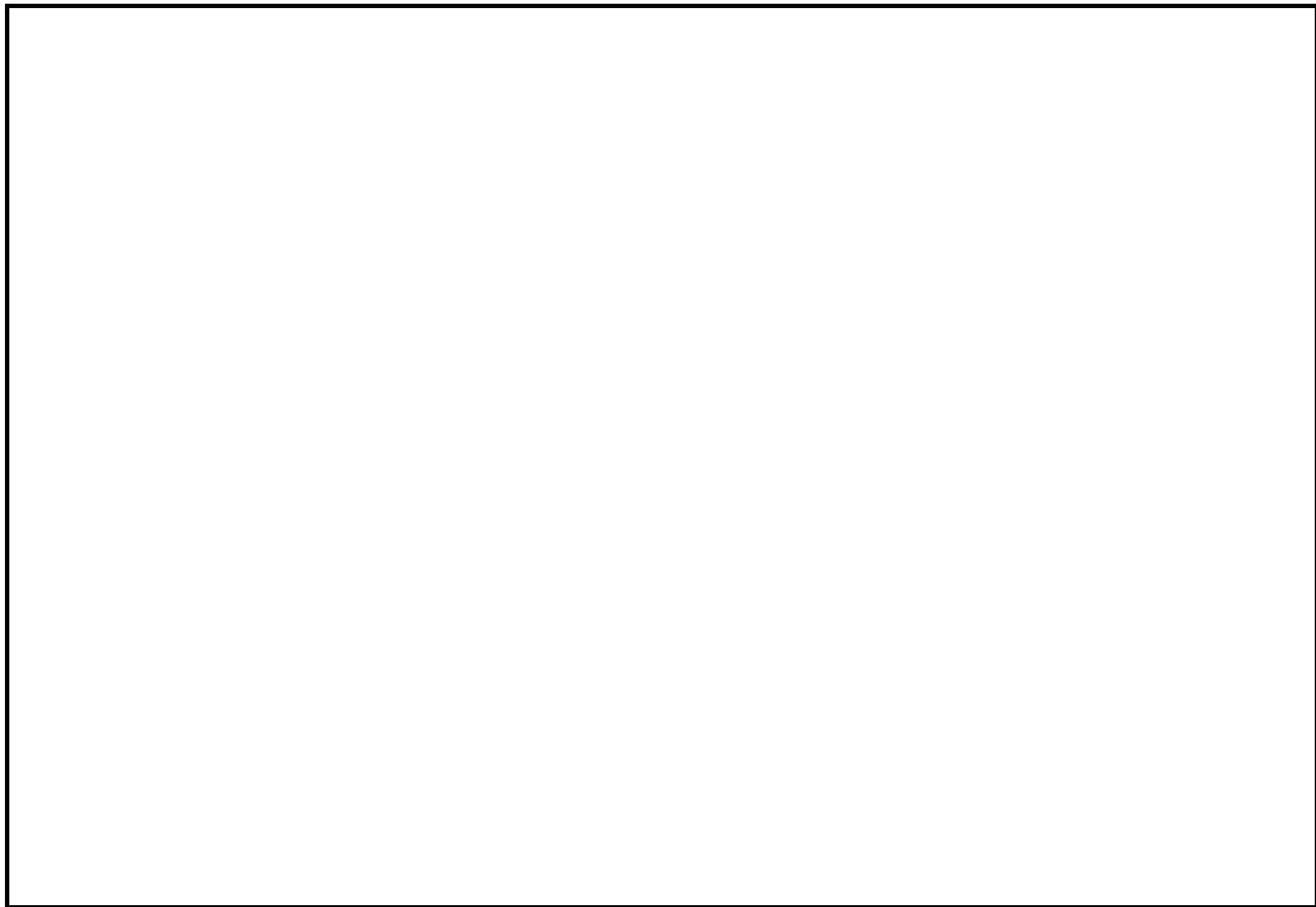
	Narmadha Srinivasan	  >
	Nicky chandrasekaran	  >
NS	NIRUVINDA S	  >
NT	Nishitha Taj	  >
N	Nithyashree.R	  >
N	NOWFIYA FATHIMA	  >
P	Pavithra Arumugam	  >
p	Pooja Theenathayalan	  >
PK	PRAVEEN KUMAR	  >
	Pravin Rajendran	  >
	Preethika Rengabashyam	  >

	prithega m	  >
	Priyadharshini .S	  >
	Priyanka R	  >
	Pujaa Ramesh	  >
	Rahul Vishwanath	  >
	RAM SHWASTHIKA	  >
	Ramith Samuel	  >
	samyuktha bala	  >
	Samyviswanath Vishwa	  >
	Saranya.V	  >
	Sharanya Balaji	  >

	Siddhartha Siva	  >
	SNEHA S N	  >
	Solai Thendral ✨	  >
	Sri Sindhu	  >
	sri vaishna	  >
	Sthuthi Stazy	  >
	Subashree Renganathan	  >
	Subha Abinethri	  >
	Subhashree Dhanaraj	  >
	Surya gayathri	  >
	Sushurutha Ananthan	  >

SA	Sushurutha Ananthan	 >
TV	TANVI V SHUKLA	 >
TD	Thanushree Duraisami	 >
TR	Trisha Ravichandran	 >
VN	Vaish Navi	 >
VV	vandana vijayakumar	 >
VK	Varun Krishna	 >
VM	Vignesh Mani KU	 >
YR	Yuvashree Ravishankar	 >
Z	Zenitha Paramashivam	 >
AP	Aaron Philip	 >





RECORD OF e CLASS USING ZOOM WEBINAR**ZOOM WEBLINK:3388413098****TOTAL NUMBER OF PRESENT:96**

PRESENTATION	LECTURE
TOPIC	TRANSCRIPTION AND POST TRANSCRIPTION
PRESENTER	DR.SIDDHARTH
DEPARTMENT	DEPARTMENT OF BIO CHEMISTRY
DATE	05.05.2020
TIMING	9.30 AM TO 10.30 AM
UG PARTICPANTS	FIRST YEAR BDS 2019 - 2020



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Transcription

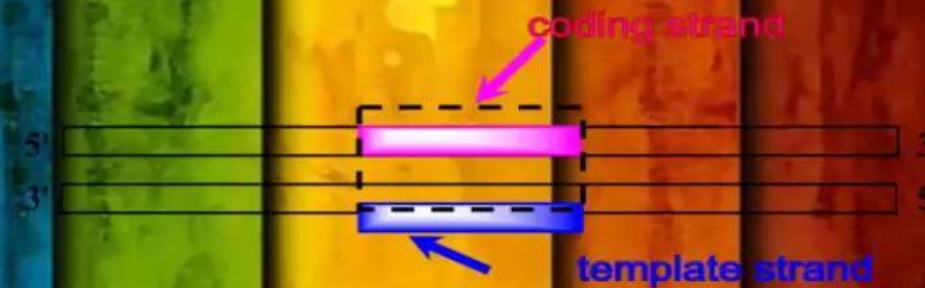
- Definition: The synthesis of RNA molecules using DNA strands as the template.
- Site: Cytosol
- Direction of RNA synthesis : 5' 3' direction



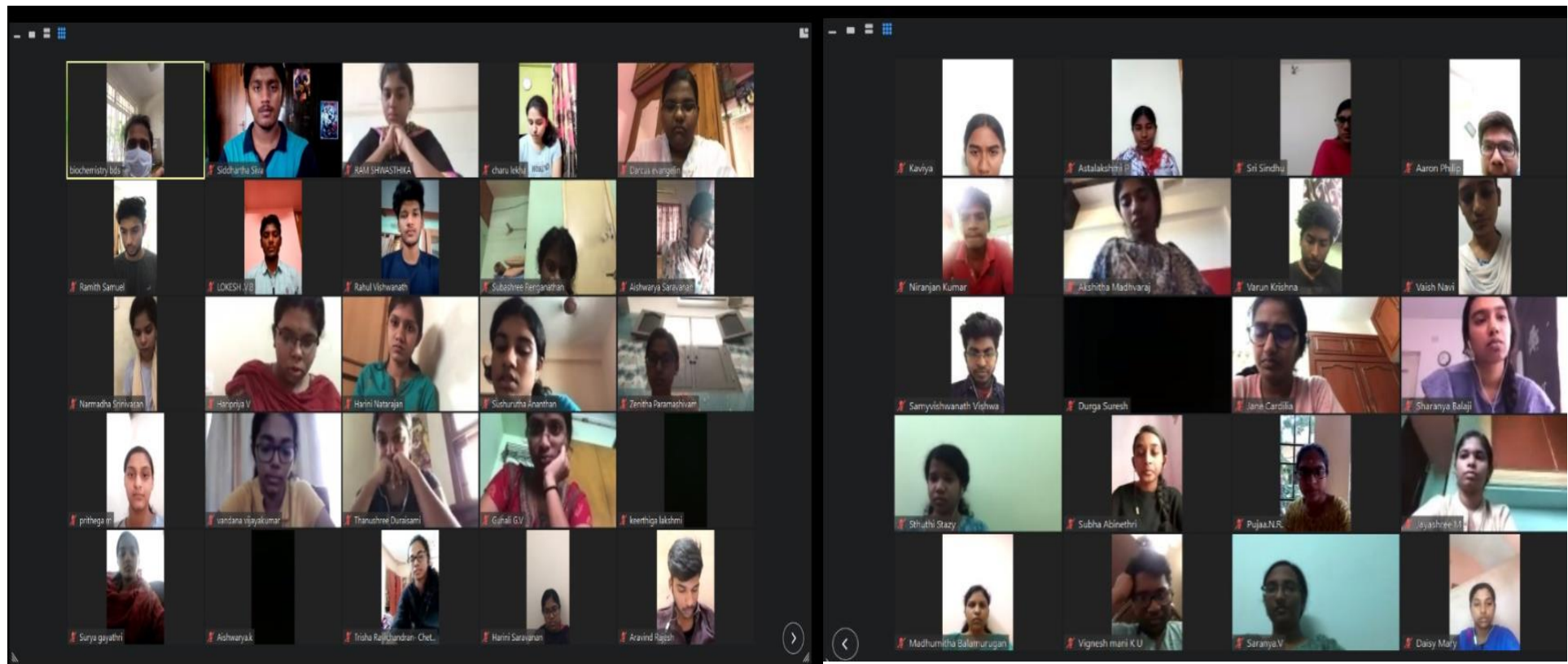
Chettinad

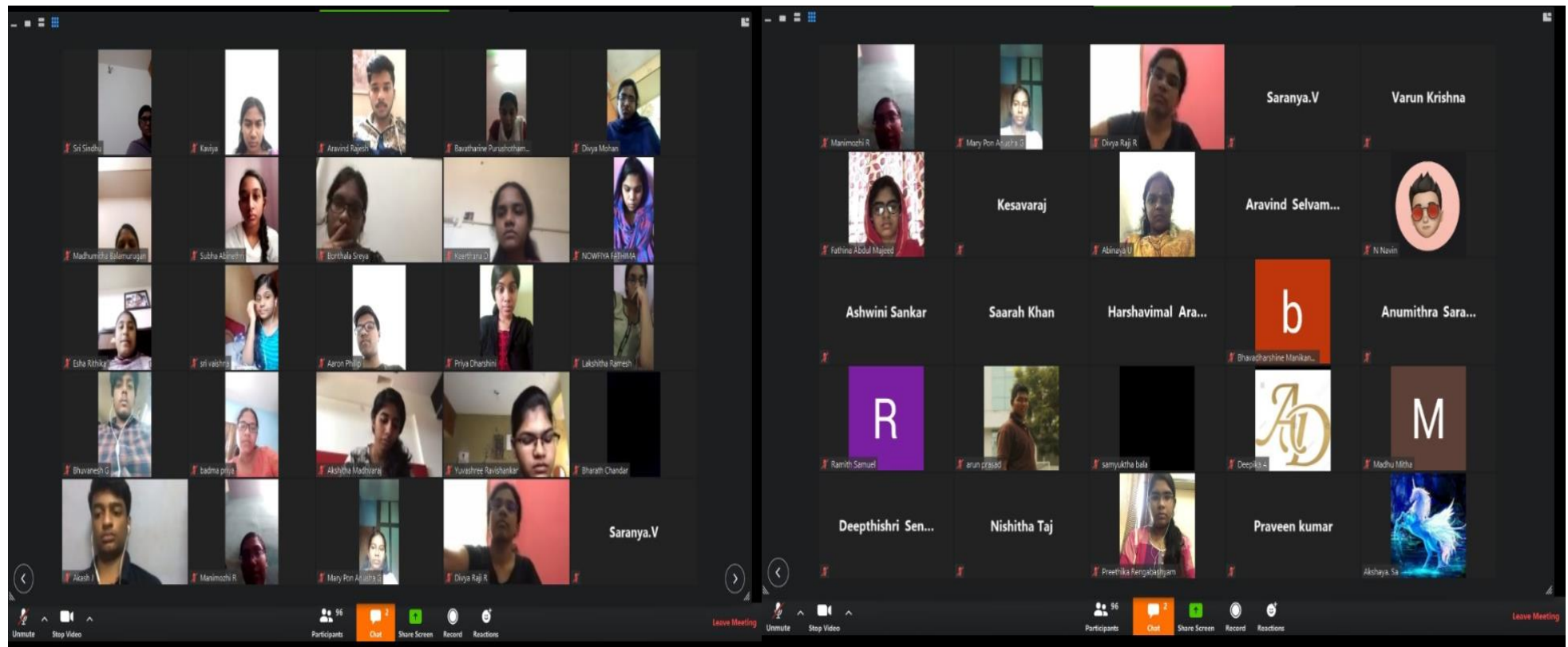
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Coding Strand & Template Strand


































- Coding strand: DNA strand which does not participate in transcription
- Template strand: DNA strand from which the RNA is actually transcribed. It is also termed as antisense strand.




















































































The screenshot displays a Zoom meeting interface with a grid of 20 participants. The participants are arranged in two columns of ten. The names of the participants are visible below their respective video thumbnails. The interface includes standard Zoom controls at the bottom, such as 'Unmute', 'Stop Video', 'Participants', 'Chat', 'Share Screen', 'Record', and 'Reactions'. The meeting title 'Leave Meeting' is visible in the bottom right corner.

























Participant 1	Participant 2	Participant 3	Participant 4	Participant 5	Participant 6	Participant 7	Participant 8	Participant 9	Participant 10
Sri Sindhu	Kaitya	Aravind Rajan	Ravatharaj Purushotham...	Diya Mohan	Manimozhi R	Mary Pon Aluttia S	Diya Raji R	Saranya.V	Varun Krishna
Madhumitha Balanuragan	Sukha Abinash	Borthala Sreyas	Kaerthana D	NOWRYA FAJHIMA	Fathima Abdul Majeed	Kesavaraj	Abinaya V	Aravind Selvam...	N Navin
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Akash J	Manimozhi R	Mary Pon Aluttia S	Diya Raji R	Saranya.V	Deepthishri Sen...	Nishitha Taj	Praveen kumar	Akshaya Sa	




















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	Niranjan Kumar (me)	  >
	biochemistry bds (host)	  >
	Akshaya. Sa	  >
	Abinaya U	  >
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	Aishwarya.k	  >
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