

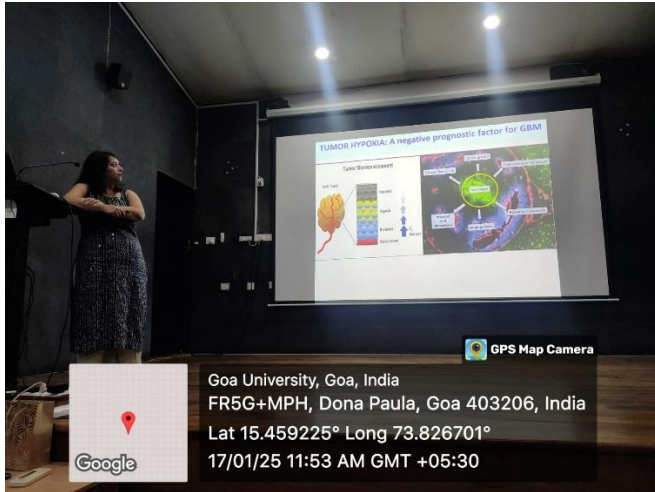
Goa University

Discipline of Biotechnology, School of Biological Sciences and Biotechnology

Talk on: RNA-omics: Knight in shining armor to decode the complex transcriptome of glioma patients.

1. Title of the Event/Activity/program	RNA-omics: Knight in shining armor to decode the complex transcriptome of glioma patients.
2. Date and Time	17 th January 2025, 11.30 a.m. to 1:00 p.m.
3. Mode of conduct (Physical/Online)	Physical Mode.
4. School/ Directorate/ Section	School of Biological Sciences and Biotechnology, Goa University
5. Collaborating Agency/School/Directorate	-
6. Detail of the Resource Person (Brief biodata)	Dr. Ritu Kulshreshtha, Professor and Head, Department of Biochemical Engineering and Biotechnology, IIT Delhi.
7. Number of Faculty attended/participated	6
8. Number of Student attended / participated	58
9. No. of external students/faculty/other participants	-
10. The objectives of the Program/activity/event	<ul style="list-style-type: none">• Introduce RNA-omics as a Transformative Tool• Highlight RNA-based Biomarkers

	<ul style="list-style-type: none"> • Exploring RNA-omics contributing to personalized therapeutic strategies
11. Description of the Program/activity/event	<p>The session commenced with the introduction of Dr. Ritu Kulshreshtha, who presided over the inauguration of the Biotechnology students' club, "Biohaven." Dr. Ritu began her talk by providing an overview of Cancer Biology, highlighting the fundamental differences between normal and cancerous cells. She shared insights into her lab's research focusing on central nervous system (CNS) cancers. She emphasized on the role of hypoxia in driving tumor aggressiveness. Additionally, she discussed the significance of mir-210 and G-quadruplex structures, particularly their interaction with HIF receptor binding. The talk concluded with an engaging question-and-answer session, followed by a vote of thanks and the presentation of a token of appreciation to Dr. Ritu.</p>
12. Benefit/Key outcomes of the Program/activity/event	<ul style="list-style-type: none"> • Enhanced Understanding of RNA-omics • Insights into Molecular Mechanisms • Understanding of RNA markers in condition with glioblastoma • Inspiring to the student to take career in diverse area of research dimension. • Option for the career direction after their master degree
13. Enclosures with report	<p>Photographs of the event and the attendance are attached below.</p>



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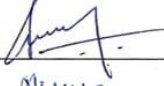
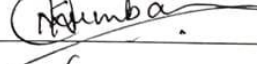
**SCHOOL OF BIOLOGICAL SCIENCES AND BIOTECHNOLOGY, GOA UNIVERSITY
DISCIPLINE OF BIOTECHNOLOGY**

*TALK ON- RNA OMICS: KNIGHT IN SHINING ARMOUR TO DECODE THE COMPLEX
TRANSCRIPTOME OF GLIOMA PATIENTS*






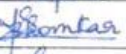

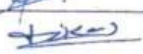
Resource Person: Prof. Ritu Kulshetra,
Professor and Head, Biochemical Engineering and Biotechnology, IIT Delhi

Date: 17-01-2025

Venue: Biotechnology Seminar Hall, Block E, SBSB, Goa University

Sr. no	Name	Affiliation	Signature
1.	Parsh Gaonkar.	Research Scholar.	
2.	Hetika Kotecha.	Research Scholar.	
3.	Fazila Shaikh	Research Scholar	F Shaikh
4.	Devika Jaethau	Research Sch.	DJ.
5.	Manisha Tiwari	Postdoc	M.T.
6.	Penny Hasleen Niranjana	Research student	
7.	Shreyya Khayisvekar	Research Scholar	Shreyya
8.	Akanksha Kushwaha	Zoology post II student	
9.	Afiya Beig	Zoology part II	A Beig
10.	Dharmendra Tiwari	Biotech, SBSB	
11.	Shanti N. Dessai	Zoology, SBSB	
12.	Ponung Paloh	MBT-II	
13.	Mahesh. Kumbhar	MBT-I	
14.	Suryadip Boneyee	MBT-II	
15.	Swasthi S. Nikam	MBT-II	
16.	Supriya Dub	MBT-I	
17.	Sakshi C	MBT II	
18.	Shrutha Saha	MBT II	S. Saha

19	Mala Kumari	MBT-II	Mala
20	Shaily	MBT-II	Shaily
21	RATNAPRAM. K	MBT-II	Ratna
22	Ganesh Rajendra Gogole	MBT-I	Gol
23	Najeem	MBT-I	Nje
24	Sini Joseph	GBT-I	Joseph
25	Ritika. Watikan	GBT-I	Rita
26	Vandana Patkar	GBT-I	Patkar
27	Sauri S. Naik	GBT-I	Shuk
28	Prashila P. Chari	GBT-I	Prash
29	VRIDHI. V. SAWANT	GBT-I	VS.
30	Nandini Satardekar	GBT-II	Nandini
31	Veda Pardalkar	"	Vad
32	Sadhani Katkar	"	Sadhani
33	Saanti Kholkar	"	Saanti
34	Ranila R. Patel	"	Ranila
35	Kajal Tiwari	"	Kajal
36	Pranjali P Shetkar	GBT-II	Pranjali
37	Shivani Redkar	GBT-II	Shivani
38	Chelsea D'costa	"	Chelsea
39	Sejal A. Naik	GBT-II	Sejal
40	Shajal Desai	GBT-II	Shajal
41	Sahil S. Chawan	GBT-II	Sahil
42	Vishranti P. Chari	GBT-II	Vishi
43	Achal Wagi	GBT-I	Achal
44	Crystal Dsouza		Crystal
45	Levi Pereira	GBT-I	Pereira
46	Ashvi G. Shenvikar	MBT-I	Ashvi
47	Anita Yadav	MBT-II	Anita
48	Miyakose	MBT-II	Miyakose
49	Henprabha Mondani	MBT-II	Henprabha

50	Soham Naik	MBT-2	S. Naik
51	Shikha Patti	MBT-2	S. Patti
52	Levina Pereira	GBT-I	
53	Bicky Pradhan	GBT-I	B.
54	Chandranana Vengulekar	GBT-I	Chandranana
55	Raveena Shirodkar	GBT-II	
56	Ashwita Pednekar	GBT-II	
57	Sejal Kerkar	GBT-II	
58	Jyotsnawati Kodawari	GBT-II	Jyotsnawati
59	Simran Velingkar	GBT-III	
60	Sonu Lemar	MBT-I	Sonu Lemar
61	Dipti Lavesh Volvotkar	Faculty, Biotechnology SBSB	Dipti
62	Ms. Sneha Bhomkar	Faculty, Biotechnology SBSB	
63	Dr. Samantha Fides D'mello	Faculty, Biotechnology SBSB	
64	Dr. Vikash Yadav	Faculty, Biotech SBSB, CU	

Signature: 

Coordinator: Dr. Vikash K. Yadav

Designation: Asst. Professor



Signature

Dean

Seal of the School/Directorate/University

Dean of School of Biological Sciences
& Biotechnology
Goa University, Goa-403206