

WCHST 2026 | WORKSHOP SCHEDULE

Recent Advances in NGS Chemistry and Technologies for Human Microbiome Research

5 – 6 October 2026 (Monday – Tuesday) • 9:00 AM – 5:00 PM

Venue: Trust Board Room, UPES Dehradun

World Congress on Health Sciences and Technology • 7 – 9 October 2026

MINUTE-TO-MINUTE SCHEDULE

TIME	SESSION & DETAILS	RESOURCE PERSON
DAY 1 • Monday, 5 October 2026		
9:00 – 9:30 AM	REGISTRATION Registration of participants and workshop kit / attendance formalities	—
9:30 – 10:00 AM	INTRODUCTION & WELCOME	—
10:00 – 11:00 AM	NGS: CHEMISTRY, TECHNOLOGY & APPLICATIONS Different NGS platforms, their chemistry and applications	Prof. Bhabatosh Das
11:00 – 11:30 AM	Refreshment Break • Tea/refreshments and networking	
11:30 AM – 1:00 PM	NGS: CHEMISTRY, TECHNOLOGY & APPLICATIONS 1. Different NGS platforms, their chemistry and applications 2. Sample preparation for NGS 3. Sequencing details	Prof. Bhabatosh Das
1:00 – 2:00 PM	Lunch Break • Lunch and networking	
2:00 – 3:00 PM	PRESENTATION Bacterial genome assembly and analysis	Dr. Joyasree Das
3:00 – 4:30 PM	PRESENTATION Microbiome data analysis	Dr. Manjeet Kaur
4:30 – 5:00 PM	Tea Break • Tea/refreshments and networking	
DAY 2 • Tuesday, 6 October 2026		
9:30 – 10:00 AM	ANSWERING PARTICIPANT QUERIES Regarding NGS platform selection; genome and metagenome pipelines	Prof. Bhabatosh Das
10:00 AM – 1:00 PM	HANDS-ON TRAINING 16S rRNA and ITS metagenome analysis	Dr. Manjeet Kaur
1:00 – 2:00 PM	Lunch Break • Lunch and networking	
2:00 – 4:00 PM	HANDS-ON TRAINING Bacterial whole genome analysis	Dr. Joyasree Das

Note: The schedule may be adjusted slightly depending on speaker availability and workshop requirements. Participants should bring their own laptop.