



2020-2021

Name of the Department/ Society: Shristi Chetna

Name of the Event 5: Gut microbiota and host: the fight for iron –International webinar

Date of the Event: 1st August, 2020

On 1st August 2020, Srishti Chetna organized an International Webinar on the topic “Gut Microbiota and Host : The Fight for Iron”. The Speaker of the event was Dr. Nupur Das, Research Investigator, Molecular and Integrative Physiology, University of Michigan. The speaker started the session with a general introduction of Gut Microbiota, and how the relationship between some gut microbiota and humans is not merely commensal, but rather a mutualistic relationship. He also explained the acquisition of microbiota in human infants, and how the establishment of gut microbiota is crucial to the health of an adult, as well as the functioning of the gastrointestinal tract.

The important three key roles of micro biota, direct inhibition of pathogens, development of enteric protection and immune system and metabolism of indigestible compounds in food were also explained very nicely.

Having a look at the present conditions of Covid-19, the fact that improving gut microbiota profile by personalized nutrition and supplementation is known to improve the immunity and can be one of the prophylactic ways by which the impact of this disease can be minimized in old people and immune – compromised patients was the major point of attraction of the talk.. The webinar was conducted on google meet and attracted more than 100+ students

.The speaker also answered the queries of the students during the Q&A session and it was overall a very informative and interesting session.

HANSRAJ COLLEGE
DEPARTMENT OF ZOOLOGY
PRESENTS

"Gut Microbiota and Host : The Fight For Iron"

International Webinar
A Shristi Chetna Initiative
Zoological Society
Hansraj College

Dr. Nupur K Das , PhD
Research Investigator
Molecular and Integrative
Physiology
University Of Michigan

2nd talk of the series

Saturday , 1st August , 2020
12:00 PM onwards

Certificate for registered participants. Registration free.

All are invited – Registration free
Link : <https://www.gimmsocjvzhsdndf>

Join webinar on - <https://meet.google.com/bpm-haug-eyt>

Teacher-in-charge
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