



हंसराज कॉलेज  
— दिल्ली विश्वविद्यालय —

HANSRAJ COLLEGE  
University Of Delhi  
NAAC Grade A+ with CGPA 3.62

**2021-2022**

Name of the Department/Society: **Srishti Chetna - The Zoological Society**

Name of the Event 5: **International Webinar** entitled “**Human Diversity, Immune Response and Cancer**”

Date of the Event: 1st October, 2021

Srishti Chetna - The Zoological Society of Hansraj College organized an **International Webinar** entitled “**Human Diversity, Immune Response and Cancer**” was organized on 1<sup>st</sup> October, 2021 under the guidance of speaker, Dr. Anil Shankar, professor at Meharry Medical College, USA.

The session was headed by the esteemed speaker Dr. Anil Shanker, professor at Meharry Medical College, USA. The webinar was centralized on the topic that how human immune responses diversity and cancer are related to each other. The fact that migration, physical barriers and isolation are responsible for human diversity was explained in a very interesting way. The alarming rise in the cancer cases in the present world and ways through which we can detect cancer in our body during the long silent period was also discussed. The speaker also talked about the concept of cancer immunity cycle and shared his experience of lab with audience where his team combined DLL and other drugs to suppress cancer variants in human body. The webinar was followed by the question and answer round where the students discussed all their queries with the speaker.

The poster is for an international webinar titled "Human Diversity, Immune Defense and Cancer". It is organized by Srishti Chetna, Zoology Department, Hansraj College, University of Delhi. The event is on 1st October 2021, starting at 6:30pm onwards. The main speaker is Dr. Anil Shanker, Senior Vice President for Research and Innovation, Professor of Biochemistry, Cancer Biology, Neuroscience and Pharmacology at Meharry Medical College, Nashville, Tennessee, USA. The poster also lists other speakers: Dr. Dinesh Kumar Gautam (Webinar Convener), Dr. Sudhida Gautam, Yashi Tyagi (Society President), Dr. Poonam Rani (Society in-Charge), Dr. Lokesh Chandra Mishra (Teacher-in-Charge), and Prof. (Dr.) Rama (Patron). The poster includes a registration link and a meeting link.

Srishti Chetna  
Zoology Department, Hansraj College  
University of Delhi  
Invites you all for an  
INTERNATIONAL WEBINAR  
On  
“Human Diversity, Immune Defense and Cancer”  
Anti-PD-1/AxG-PD-L1  
Monoclonal Antibodies  
1st October 2021  
6:30pm onwards  
Registration Free  
Registration Link- <https://forms.gle/GkKeSc3XNTvKdXZQA>  
Meeting Link- <https://meet.google.com/aho-bhqm-crr?hs=122&authuser=0>  
Dr. Anil Shanker  
Senior Vice President for Research and Innovation  
Professor of Biochemistry, Cancer Biology, Neuroscience and Pharmacology  
Meharry Medical College, Nashville, Tennessee, USA  
Dr. Dinesh Kumar Gautam  
Dr. Sudhida Gautam  
Webinar Convener  
Yashi Tyagi  
Society President  
Dr. Poonam Rani  
Society in-Charge  
Dr. Lokesh Chandra Mishra  
Teacher-in-Charge  
Prof. (Dr.) Rama  
Patron



**Mitochondrial genome migration**

Mutation rate 2.2 to 2.9 % per million year

The slide features a world map with colored regions and arrows indicating migration patterns. Key data points include: Africa (L1, L2, 130,000-170,000), Europe (H, T, U, V, W, X, 40,000-50,000), Asia (C, D, 12,000-15,000), Australia (A, 20,000-34,000), and South America (A, C, D, B, 70,000). A scale of 30,000 is also shown.

**Human Diversity, Immune Defense and Cancer**

**Anil Shanker, PhD**  
Senior Vice President for Research and Innovation  
Professor of Biochemistry, Cancer Biology, Neuroscience and Pharmacology  
Meharry Medical College  
Vanderbilt-Ingram Cancer Center  
Vanderbilt Institute for Infection, Immunology and Inflammation

The slide includes a diagram of immune cells (NK, CTL) and a red 'X' labeled 'Invalid Molecular ID' with the text 'Haha... I escaped!'. Logos for MEHARRY MEDICAL COLLEGE and VANDERBILT UNIVERSITY are also present.



Anil Shanker is presenting

Indolent tumors

Cancer

Normal Hyperplasia Mild dysplasia

6:53 PM | aho-bhqm-crr

Anil Shanker is presenting

We are all connected

- People look different because of isolation and adaptations to different environments
- Underneath those phenotypic differences we are virtually the same

We are the same

18:49 | aho-bhqm-crr