



# **NATIONAL SEMINAR**

**ON**

# **MECHANISMS OF IMMUNE RESPONSE**

**10<sup>th</sup> August - 11<sup>th</sup> August, 2018**

**Venue: Seminar Complex,  
Institute of Science,  
Banaras Hindu University,  
Varanasi- 221005**

**Organized By**

**Department of Molecular & Human  
Genetics, Banaras Hindu  
University, VARANASI- 221005**

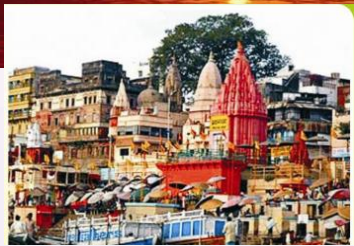
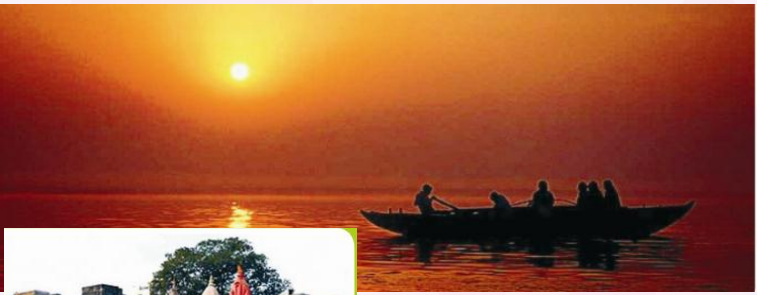
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## ABOUT VARANASI

**Varanasi** also known as Benares, Banaras, or Kashi, is a city on the banks of the Ganges in the Uttar Pradesh state of North India, 320 kilometres (200 mi) south-east of the state capital, Lucknow, and 121 kilometres (75 mi) east of Allahabad. Varanasi is sacred, soulful, seat of learning and spectacular. Mark Twain, the English author and literature, who was enthralled by the legend and sanctity of Benaras, once wrote: "Benaras is older than history, older than tradition, older even than legend and looks twice as old as all of them put together."



## ABOUT BANARAS HINDU UNIVERSITY

**Banaras Hindu University** is a tribute to the vast vision, indomitable spirit and unflagging zeal of our founding father Mahamana Pt. Madan Mohan Malviya Ji in 1916. It is a leading residential & internationally reputed institute of learning, situated in the holy city of Varanasi. The University has taken a leadership role in promoting new ideas. The spirit of integration of the world and cultivation of intellect and culture. Banaras Hindu University is a world in itself—virtually the universe microcosm.

**Institute of Science** established in 1916 is a dream place for science aspirants. It has succeeded in maintaining its position as one of the finest institution of Banaras Hindu University with great faculties and facilities. The list of alumni embraces notable graduates, professors and administrators endowed with Bharat Ratna laureate, Padma Shri Padma Vibhushan, elected Fellow of the Royal Society, Shanti Swarup Bhatnagar award, Jawaharlal Nehru Fellowship, FICCI Award etc.

## **Department of Molecular and Human Genetics, BHU:**

Department of Molecular and Human Genetics was established in 2004 is funded by Department of Biotechnology, India and runs a two year M.Sc. course in Molecular and Human Genetics along with research in Immunogenetics, cancer genetics, developmental genetics and reproductive genetics.

### **About Immunology:**

The human body shields against millions of infectious agents each day with its complex intricate network of defence mechanisms at all sites of entry. The study of the response of the human body to these agents and medical interventions to treat them is termed as immunology. This field of study continues to extend horizons in our understanding of how to treat significant health issues, with ongoing research efforts in immunotherapy, autoimmune diseases, and vaccines for emerging pathogens. Advancing our understanding of basic immunology is essential for clinical and commercial applications and has facilitated the discovery of new diagnostics and treatments to manage a wide array of diseases.

The field of Immunology is growing rapidly and its development is making tremendous impacts in medical sciences and pharmaceuticals.

### **About the National Seminar:**

Department of Molecular & Human Genetics is organizing this seminar under the aegis of **Indian Immunology Society, New Delhi** and invites keynote lectures from top and leading immunologists from the country focusing to inspire, teach and guide young minds towards the field of Immunology. The seminar aims to provide a platform for discussion of recent advances in our understanding of key immunological mechanisms that includes areas of basic immunology, immune mechanisms in diseases and stem cell immunology. This will provide an excellent opportunity for students and faculty alike to keep abreast of recent developments, share ideas, raise awareness of practices that improves immune system in health and subsequently inspire them to contribute towards this fascinating field of immunology.

### **Major thrust areas of the Seminar**

- Antigen-antibody Interactions
- Tumor Immunology
- Vaccine Immunology
- Cellular and Clinical Immunology
- Stem cell Immunology
- Immunology of Infectious Diseases
- Diagnostic & Therapeutic Immunology



## LIST OF EMINENT SPEAKERS

DR. G. P. TALWAR

DR. D.N. RAO

DR. PAWAN SHARMA

DR. ALPANA SHARMA

DR. NIBHRITI DAS

DR. SUJATA MOHANTY

DR. UMA KANGA

DR. GIRDHARI LAL

DR. AMIT AWASTHI

DR. DEEPAK GAUR

DR. VIVEK RAI

DR. GAURAV SHARMA

## Organizing Committee



**Chief Patron**  
**Dr. Rakesh  
Bhatnagar**  
Vice Chancellor,  
BHU



**Patron**  
**Dr. Naveen  
Kumar**  
Director,  
Institute of  
Science, BHU



**Convenor &  
Organising  
Secretary**  
**Dr. Geeta Rai**  
Dept. of  
Molecular &  
Human Genetics,  
Institute of  
Science, BHU



**Co- Convenor**  
**Dr. G. Narayan**  
Dept. of  
Molecular &  
Human  
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Science, BHU



**Joint secretary**  
**Dr. S K Tiwari**  
Institute of  
Medical Science,  
BHU



**Treasurer**  
**Dr. Kiran Giri**  
Institute of  
Medical  
Science, BHU



## WHO CAN ATTEND?

Participants from Government Academic Institutions are eligible, provided they meet their T.A. and D.A. and pay a course fee @ Rs. 450 for UG students, Rs. 500 for PG and PhD students and Rs. 600 for faculty members.

**The registration fee is to be paid in the form any online transaction with valid payment proof in favour of "NSMIR" through any nationalized bank payable at SBI Main Branch BHU, Varanasi.** The bank details for payment of application fees are as follows:

A/c holder name: **NSMIR**

A/c No.: **37741097675**

A/c type: **Current A/c**

Bank Branch: **SBI Main branch BHU.**

IFSC Code: **SBIN0000211**

## HOW TO APPLY?

**By Email-** Scanned copy of the filled application form along with attached payment receipt are to be mailed at [immunosembhu2018@gmail.com](mailto:immunosembhu2018@gmail.com) by July 25<sup>th</sup>, 2018.

**NOTE:** 40 applicants will be selected on first come first serve basis and will be notified. Application format is given in this brochure.

## IMPORTANT DATES:

Last Date Of Registration: **July 25<sup>th</sup>, 2018**

Announcement of Selection: **July 27<sup>th</sup>, 2018**

Seminar Dates: **August 10<sup>th</sup>-11<sup>th</sup>, 2018**

## ACCOMODATION:

Accommodation will be provided on request in university guest house and hotels at nominal rates to be paid in full by the participants at the registration desk.



## REGISTRATION FORM

Name:.....  
Designation:.....  
Department.....  
Institution.....  
Address.....PIN.....  
Tel..... Fax No.....  
E mail.....

### **Fee payment details**

Payment transaction ID:

Date:

Amount:

Bank:

Date:

Signature:

### **REGISTRATION FEES**

**For UG : Rs 450**

**For PGs & PhD student: Rs 500**

**For faculty Members: Rs 600**

### **HOW TO REACH?**

BHU is well connected to all major cities and states by air, rail and road. Airport is 30 Km and railway station is 10 km from BHU Main gate at Lanka. Private taxis, auto-rickshaws are readily available. A map showing how to reach Seminar Complex, BHU from Main gate at Lanka is given:

