



CRCA

Cancer Research & Care Academy

INTERNATIONAL SYMPOSIUM

on

INTEGRATIVE ONCOLOGY AND SYSTEMS MEDICINE: EMERGING TRENDS AND THERAPEUTIC POTENTIAL

20th to 21st February 2025

Organized by

**PT. LALIT MOHAN SHARMA SRIDEV SUMAN
UTTARAKHAND UNIVERSITY CAMPUS, RISHIKESH**

&

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS),
RISHIKESH**

In association with

CANCER RESEARCH AND CARE ACADEMY (CRCA), NEW DELHI, INDIA

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Rutgers School of Biomedical and Health Sciences (USA), Roswell Park Comprehensive Cancer Center (USA), Centre of Excellence (CoE) on Ayurveda and Systems Medicine, University of Colorado, Denver (USA), University of Oklahoma Health Science Center (USA), Oregon Health and Science University, (USA), and the University of Pittsburgh Cancer Center (USA).

CRCA
Cancer Research & Care Academy

**ROSWELL
PARK**
COMPREHENSIVE CANCER CENTER

RUTGERS
SCHOOL OF BIOMEDICAL AND
HEALTH SCIENCES



Centre for
Integrative
Cancer Biology
& Therapeutics



Centre of
Excellence for
Ayurveda &
Systems Medicine

PATRONS



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Vice Chancellor SDSUV
Badshithaul (T.G.) Uttarakhand, India



Prof. Meenu Singh
Director
AIIMS, Rishikesh, Uttarakhand, India

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Registrar SDSUV
Badshithaul (T.G.), Uttarakhand, India



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Dean Academics
AIIMS, Rishikesh, Uttarakhand, India



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HOD, Biochemistry
AIIMS, Rishikesh
Uttarakhand, India



Prof. Rana P. Singh
Professor, School of Life Science
JNU, New Delhi, India



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Newark, New Jersey, USA



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Roswell Park Comprehensive
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University of Colorado,
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Prof. Shivendra Singh
University of Pittsburgh
School of Medicine,
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USA



Prof. C.V. Rao
The University of
Oklahoma College of
Medicine Oklahoma City,
USA



Prof. Sanjay Malhotra
Oregon Health & Science
University, USA

ORGANIZING SECRETARIES

Dr. Bela Goyal
Additional Professor
Department of Biochemistry, AIIMS
Dr. Bindu Devi
Department of Microbiology, SDSUV

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Mr. Kumar Saurabh
Ms. Aishwarya Jaiswal
Mr. Nishant Bhatla

About: Pandit Lalit Mohan Sharma Sridev Suman Uttarakhand University Campus, Rishikesh



Sridev Suman Uttarakhand University (SDSUV) was established in 2012 to fulfill the aspirations of the Garhwal region for higher education, economic development, and cultural preservation. The university, headquartered in Badshahithaul, has three campuses, including Pt. Lalit Mohan Sharma Campus in Rishikesh, which became part of SDSUV in 2019. Previously an autonomous college, the Rishikesh campus is recognized for its academic excellence, offering undergraduate and postgraduate programs across 20 departments. Spread over 49 acres, it accommodates over 3,000 students and 80 faculty members. SDSUV oversees 217 affiliated colleges, serving more than 120,000 students across Uttarakhand in diverse fields such as sciences, commerce, arts, agriculture, and yogic sciences. The university aims to integrate modern education with regional needs, fostering knowledge advancement and research, particularly in the face of geographic and socio-economic challenges. Set amidst the Himalayas, the Rishikesh campus blends education with the region's spiritual and cultural ethos.

About: All India Institute of Medical Sciences (AIIMS), Rishikesh



Established in **2012**, AIIMS Rishikesh also known as All India Institute of Medical Sciences Rishikesh is one of the seven AIIMS campuses set up by the Government of India under the Pradhan Mantri Swasthya Suraksha

Yojna. It is an autonomous institute registered under the Indian Societies Registration Act. AIIMS Rishikesh is one of the only institutes to focus on programmes relating to Mental Health and Palliative Care Training with certificate courses in Palliative Care as well. The institute offers a total of **32 OPDs, 96 specialized clinics for Genetics, Breast Disorders, Breast Cancer, Infertility, Lung Cancer, Endocrine Surgery, Spine Clinic, Paediatric-Orthopaedics, Palliative Care**, supported by well-equipped day care facilities. In addition to exceptional patient care, AIIMS Rishikesh fosters a thriving research environment, encouraging innovations in medical science and healthcare delivery. Its multidisciplinary approach and cutting-edge infrastructure make it a hub for transformative medical education, research, and clinical excellence.

About: Cancer Research and Care Academy



The Cancer Research and Care Academy (CRCA) focuses on advancing cancer research and care through education, awareness, and skill development. CRCA aims to empower young scientists to tackle challenges in the field of cancer management and therapeutics. Its initiatives include organizing annual conferences, workshops, and scientific talks to foster learning and collaboration. CRCA's mission encompasses fostering a community of young scientists who are passionate about making a difference in the fight against cancer, and striving to empower the next generation of researchers and caregivers.

SPEAKERS AND PARTICIPANTS

This symposium brings together a diverse group of participants, including PhD scholars, postdoctoral researchers, early-career scientists, and eminent professors from leading academic and research institutions worldwide. The event will also feature distinguished keynote speakers and renowned experts in the fields of mitochondria research, cell death mechanisms, and cancer biology. This platform aims to foster meaningful discussions, inspire innovative ideas, and encourage collaborations across disciplines and career stages.

INTERNATIONAL SYMPOSIUM

on

Integrative Oncology and Systems Medicine: Emerging Trends and Therapeutic Potential

INVITEE SPEAKERS

S.No.	NAME OF SPEAKER	INSTITUTION
1.	Prof. Rana P. Singh	School of Life Sciences, Jawaharlal Nehru University, New Delhi, India
2.	Prof. Dhyan Chandra	Department of Pharmacology & Therapeutics, Roswell Park Comprehensive Cancer Center, Buffalo, NY, USA
3.	Prof. Raymond B. Birge	Department of Microbiology, Biochemistry, and Molecular Genetics, Rutgers School of Biomedical and Health Sciences, Newark, New Jersey, USA
4.	Prof. Dipali Sharma	School of Medicine, John Hopkins University, USA
5.	Prof. Jerry Edward Chipuk	Icahn School of Medicine at Mount Sinai, USA
6.	Prof. Gokul Das	Department of Pharmacology & Therapeutics, Roswell Park Comprehensive Cancer Center, Buffalo, NY, USA
7.	Prof. Xiaolin Zi	School of Medicine, University of California, Irvine, USA
8.	Prof. Rajesh Agarwal	Department of Pharmaceutical Sciences, University of Colorado Denver, Aurora, USA
9.	Prof. C.V. Rao	Center for Cancer Prevention and Drug Development, PC Stephenson Oklahoma Cancer Center, OUHSC, Oklahoma City, USA
10.	Prof. Shivendra V. Singh	University of Pittsburgh Cancer Institute, Hillman Cancer Center Research Pavilion, Pittsburgh, USA
11.	Prof. Sanjay Malhotra	School of Medicine, Oregon Health and Science Centre, USA
12.	Prof. Beverly Wang	School of Medicine, University of California, Irvine, USA
13.	Prof. Subhrajit Saha	Department of Radiation Oncology, The University of Kansas Medical Center Kansas City, Kansas, USA
14.	Prof. Dmitri Simberg	Colorado Center for Nanomedicine and Nanosafety, Department of Pharmaceutical Sciences, Colorado University, Anschutz, Colorado, USA
15.	Prof. Nagireddy Putluri	Baylor College of Medicine, Houston, Texas, USA
16.	Prof. Benny A. Kaiparettu	Baylor College of Medicine, Houston, Texas, USA
17.	Prof. Gagan Deep	School of Medicine, Wake Forest University, Winston Salem, USA
18.	Prof. Sujit Basu	Division of Medical Oncology, Department of Internal Medicine and Pathology, Ohio State University, USA
19.	Prof. Munjal Acharya	School of Medicine, University of California, Irvine, USA
20.	Dr. Komal Raina	South Dakota State University, USA
21.	Dr. Debanjan Chakroborty	Department of Pathology, University of South Alabama, USA
22.	Dr. Chandrani Sarkar	Department of Pathology, University of South Alabama, USA
23.	Prof. Pankaj Singh	Department of Oncology Science, University of Oklahoma, USA
24.	Prof. Alok Chandra Bharti	Department of Zoology, Delhi University, New Delhi, India
25.	Prof. Sarad Mishra	Department of Biotechnology, DDU Gorakhpur University, Gorakhpur, Uttar Pradesh, India
26.	Prof. Rakesh K Tyagi	Special Centre for Systems Medicine, Jawaharlal Nehru University, New Delhi, India
27.	Prof. Rupesh Chaturvedi	School of Biotechnology, Jawaharlal Nehru University, New Delhi, India
28.	Prof. Uttam Kumar Nath	Medical Oncology Department, AIIMS Rishikesh, Uttarakhand, India

29.	Dr. Bela Goyal	Biochemistry Department, AIIMS Rishikesh, Uttarakhand, India
30.	Prof. Mahitosh Mandal	School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, India
31.	Prof. Alo Nag	Department of Biochemistry, Delhi University, New Delhi, India
32.	Dr. Sweety Gupta	Radiation Oncology Department, AIIMS Rishikesh, Uttarakhand, India
33.	Dr. Amit Sherawat	Medical Oncology Department, AIIMS Rishikesh, Uttarakhand, India
34.	Dr. Deepak Sundriyal	Medical Oncology Department, AIIMS Rishikesh, Uttarakhand, India
35.	Prof. Rakesh Sharma	Biochemistry, PGI, Saharanpur, Uttar Pradesh, India
36.	Prof. K. Thangraj	Centre for DNA Fingerprinting and Diagnostics (CDFD) Hyderabad & Centre for Cellular and Molecular Biology (CCMB), Hyderabad, India
37.	Prof. Umesh C.S. Yadav	Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi, India
38.	Prof. Vijay Rawat	Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi, India
39.	Prof. Avinash Bajaj	Regional Centre for Biotechnology, Faridabad, Delhi-NCR, India
40.	Prof. Chandi C. Mandal	Department of Biochemistry, Central University of Rajasthan, Rajasthan, India
41.	Dr. Nilotpal Chowdhury	Pathology Department, AIIMS Rishikesh, Uttarakhand, India
42.	Prof. Prabhudas Patel	
43.	Prof. Binay Panda	SBT, JNU, New Delhi, 110067

Registration Details

- Registration Link: <https://crcadelhi.org/register>
- ✓ Kindly visit the link or scan the QR code for registration

Registration Type	Early Bird with membership Last date: 31 Jan 2025	Registration
Student/ Post-doc	3000	3500
Faculty	3500	4000
Corporate	8000	10000
Students (AIIMS & SSUU)	2500	3000

ORAL AND POSTER PRESENTATION

The conference will also provide opportunities for oral and poster presentations, allowing participants to showcase their research findings. We look forward to your participation and contributions to what promises to be an exciting and impactful event.

CALL FOR ABSTRACTS

We invite researchers, PhD scholars, postdoctoral fellows, and academicians to submit abstracts showcasing their latest findings and innovations in the fields of mitochondria biology, cell death mechanisms, cancer research, and related areas. Selected abstracts will be presented during the symposium as oral or poster presentations, providing an excellent opportunity to share your work with leading experts and peers.

SUBMISSION GUIDELINES

Abstracts must be submitted online by the specified deadline.

- Word limit: 300 words (excluding title and author details).
- Clearly state the title, authors, affiliations, and corresponding author's email.
- Specify your preference for oral or poster presentation.

Stay tuned for further updates regarding the abstract submission portal and deadlines!

THEMES & OBJECTIVES

- Emerging trends and new therapeutic targets in cancer
- Genomics, proteomics, metabolomics, and precision medicine in cancer
- Microbiome research in cancer biology and management
- Targeting mitochondrial biology and functions in cancer
- Cell death modalities in cancer development and treatment
- Chemoprevention and signaling pathways in cancer
- Cancer stemness, resistance, and therapeutic potential
- Novel approaches for radiation therapies
- Artificial intelligence and machine learning in cancer
- Ayurveda and Systems Medicine

EXPECTED OUTCOMES

This symposium aims to advance understanding and collaboration in the fields of mitochondria biology, cell death mechanisms, and cancer research. Key outcomes include:

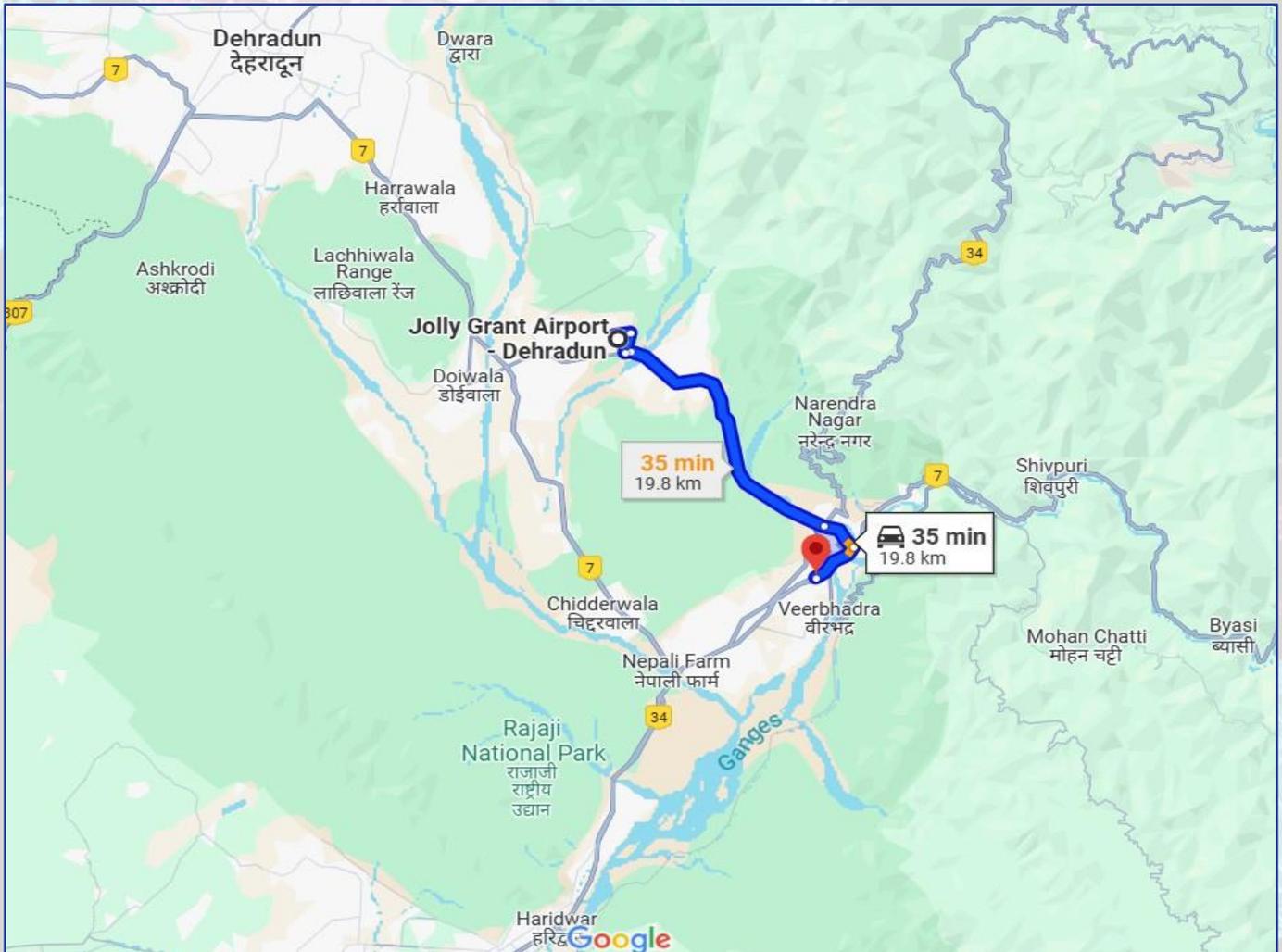
- Promoting the exchange of cutting-edge research and novel ideas among scientists, PhD scholars, postdoctoral researchers, and professors.
- Facilitating interdisciplinary collaborations and networking opportunities to address current challenges in cancer biology and related fields.
- Inspiring young researchers to explore innovative approaches and methodologies.
- Documenting insights and discussions from the symposium to guide future research directions and foster translational applications in cancer therapy and diagnostics.

The event is designed to serve as a platform for impactful dialogue, driving progress in both fundamental and applied research.



How to reach?

- **By flight:** - Jolly Grant Airport Dehradun, just 18 km from Rishikesh.
- **By Rail/Road:** Alternately, you can take a train to the Rishikesh Railway Station. Buses are also available to Rishikesh from Delhi and other cities / towns in Uttarakhand.

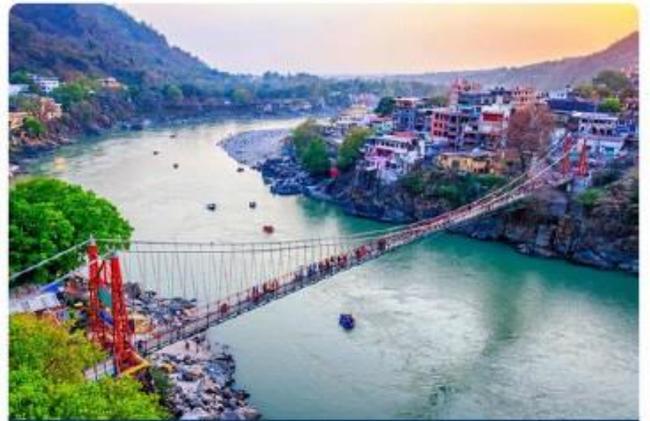


Contact regarding any queries: 9910024725, 7905381138, 9357276874, 7669379205

PLACES TO VISIT IN RISHIKESH



Ganga Aarti (5.1km)*



Ram Jhula (7.2km)*



Janki Setu (6.3km)*



Beatles Ashram (11km)*



Byasi (35km)*



Shivpuri (19km)*

PLACES TO VISIT IN MUSSOORIE & DEHRADUN



Shiv Temple (80km)*



Dhanaulti (71km)*



Kempty Falls (92km)*



Company Garden (80km)*



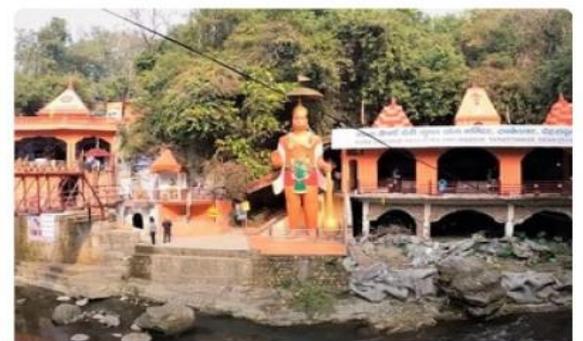
FRI (51km)*



Buddha Temple (52km)*



Robbers Cave (53km)*



Tapkeshwar (52km)*