# **GAPIO TIMES**

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# Professor Rajesh Khanna Unveils Groundbreaking Chronic Pain Treatment at NYU



Professor Rajesh Khanna, at the NYU College of Dentistry's Pain Research Center, has led a pioneering study on gene therapy for chronic pain, recently published in the Proceedings of the National Academy of Sciences (PNAS). The study sheds light on the regulation of the sodium ion channel, NaV1.7, and its potential for chronic pain relief.

Rather than directly blocking NaV1.7, Khanna's team has focused on its indirect regulation using the protein CRMP2. This innovative approach has shown promise in alleviating pain, with tests conducted on cells and animals yielding positive results.

"This research could redefine how we approach pain management, especially in the face of the opioid crisis," stated Khanna, emphasizing the therapy's potential to improve patients' quality of life.

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## GAPIO Congratulates ISRO on Chandrayaan-3's Triumph

The Global Association of Physicians of Indian Origin (GAPIO) extends heartfelt congratulations to the Indian Space Research Organisation (ISRO) for the historic success of the Chandrayaan-3 mission.

Landing and roving on the Moon's south pole, ISRO has once again showcased India's prowess in space exploration. We celebrate this remarkable achievement and eagerly await the insights Chandrayaan-3 will bring from the lunar frontier.



# \$3 Million Federal Grant Fuels Breakthrough Lung Infection Study Led by Indian American Researcher

In a groundbreaking initiative poised to transform the field of lung infection diagnosis, a federal grant of \$3 million has been allocated to fund a cutting-edge study. Spearheading this pioneering research is Dr. Nalinikanth Kotagiri, an esteemed associate professor of pharmaceutical sciences at the University of Cincinnati's James L. Winkle College of Pharmacy and a prominent figure in the Indian American scientific community.

The five-year, \$3 million grant has been awarded by the National Heart, Lung, and Blood Institute (NHLBI) and is set to propel Dr. Kotagiri's mission to develop an innovative imaging method for the rapid detection of specific lung infections. This groundbreaking study aims to revolutionize the diagnosis and treatment of critical lung ailments. Traditional diagnostic methods for lung infections often involve time-consuming and invasive procedures. Currently, radiologists rely on chest X-rays to identify pneumonia and other lung infections, but distinguishing between bacterial, viral, or fungal infections remains elusive through this approach. Typically, a pathologist's culture of lung tissue samples is required, a process taking two to three days, which may be a luxury critically ill patients cannot afford.

Dr. Kotagiri's visionary solution involves the use of advanced imaging techniques that can swiftly pinpoint the causative agent behind a pneumatic episode within hours, expediting the formulation of a treatment plan. Moreover, this novel imaging technology can also gauge the effectiveness of treatment regimens, offering valuable insights into patient recovery.

One of the distinguishing features of this groundbreaking research is the development and evaluation of injectable probes, referred to as metallic contrast agents. These agents are designed to accumulate at the site of infection and exhibit immediate visibility under a nuclear imaging machine, particularly a Positron Emission Tomography (PET) scan. Notably, this contrast agent development process is remarkably efficient, circumventing the need for intricate processing or prolonged preparation times.

Dr. Kotagiri's study will initially focus on bacterial and viral pneumonias in conjunction with Chronic Obstructive Pulmonary Disease (COPD) in animal models. However, the innovative imaging approach holds the promise of extending its applicability to a broader spectrum of infections, including fungal infections and conditions such as cystic fibrosis. The potential impact of this research transcends the boundaries of lung health, offering hope for more expedited, accurate diagnoses and improved treatment outcomes across various medical domains.

This federally funded initiative underscores the invaluable contributions of Indian American researchers in the field of healthcare and their commitment to advancing medical science for the betterment of humanity.

Reference: https://www.americanbazaaronline.com/2023/08/21/indian-american-kotagiri-leads-study-lung-infections-study-454646/



#### **GAPIO and Medflix Host Exciting Gastroenterology Quiz**

GAPIO, in collaboration with Medflix and Pfizer, recently conducted an engaging episode on Gastroenterology as part of the "Wizards of Medicine" quiz series. This event, held on August 4th, provided a thrilling platform for medical professionals to demonstrate their knowledge, compete, and learn from renowned experts.

Dr. Kamal Sharma, a distinguished quizmaster, hosted the event, bringing his expertise to captivate participants. Prof. Dr. Usha Dutta, an authority in Gastroenterology, joined as the esteemed guest expert.



Exclusively available on the Medflix app, this episode offered participants a chance to win ₹18,000 in this round. Those who secured a spot in the semi-finals had an opportunity to compete for an astounding ₹1,00,000 grand prize. All participants received a Certificate of Participation for their contributions.

The Gastroenterology episode of "Wizards of Medicine" was an intellectually stimulating experience, allowing medical professionals to expand their knowledge and gain insights from experts. Stay tuned for more exciting episodes in this series.

#### GAPIO's "Wizards of Medicine" Episode 7 Unveils Insights in Infectious Diseases

GAPIO's enthralling "Wizards of Medicine" series, presented in collaboration with Medflix and Pfizer, recently unveiled its seventh episode, delving into the world of Infectious Diseases. Hosted on August 18th, 2023, this edition featured Dr. V Ramasubramanian, an infectious disease specialist, as the guest expert. Dr. Kamal Sharma led the event as quizmaster, facilitating engaging discussions and scientific learning.

This event not only offered participants a chance to vie for a ₹18,000 prize but also secured their positions in the Semi-Finals, where they'll compete for the grand prize of



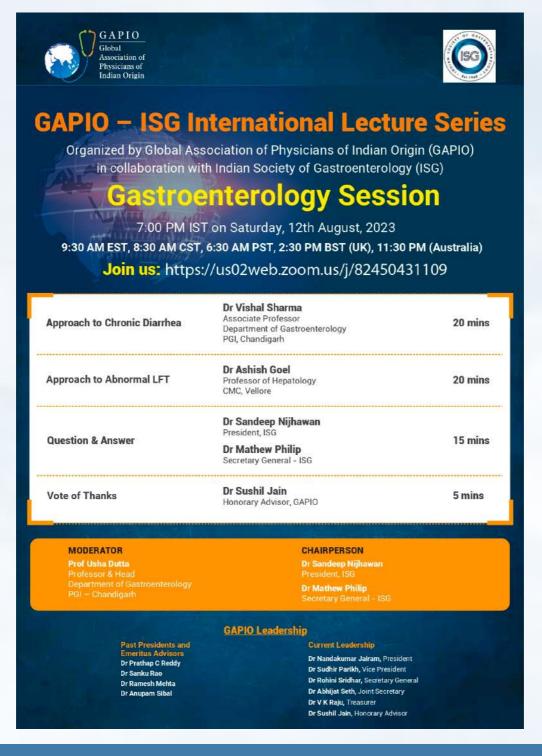
₹1 Lakh in the Finale. Every participant received a Certificate of Participation, recognizing their commitment to expanding medical knowledge. While this episode may have concluded, GAPIO remains dedicated to inspiring and educating the medical community, promising more enlightening "Wizards of Medicine" episodes in the future.

#### **GAPIO** and ISG Collaborate for Enlightening Gastroenterology Session

The Global Association of Physicians of Indian Origin (GAPIO), in collaboration with the Indian Society of Gastroenterology (ISG), conducted an illuminating gastroenterology session as part of their International Lecture Series. Held on August 12th, 2023, this session brought together medical professionals and enthusiasts to explore critical topics.

During the event, participants had the privilege of engaging with experts in the field. Dr. Vishal Sharma shared insights on the approach to chronic diarrhea, while Dr. Ashish Goel provided valuable perspectives on handling abnormal liver function tests. The session aimed to facilitate knowledge exchange, professional collaboration, and an enriched understanding of gastroenterology.

This event not only empowered attendees with valuable insights but also fostered a sense of community within the medical field. GAPIO and ISG continue to be at the forefront of medical education, promising more enlightening sessions in the future.



#### **GAPIO and GARTIO Collaborate for Informative Seminar on Radiation Protection**

In a noteworthy collaboration, the Global Association of Physicians of Indian Origin (GAPIO) joined forces with the Global Association of Radiological Technologists of Indian Origin (GARTIO) to present a highly informative seminar titled "Radiation Protection – Principles and Policies." This enlightening session was part of the esteemed GAPIO-GARTIO Radiology International Lecture Series.

The seminar, designed to enrich the knowledge of physicians and radiological technologists, took place on Saturday, August 5th, 2023, at 7:00 PM IST. It provided an invaluable platform for healthcare professionals to delve into the critical aspects of radiation protection.

The session was led by renowned expert Mr. Mukesh Jain, MSc, Faculty of Paramedical Sciences at SMS Medical College in Jaipur. Mr. Jain shared insights and expertise on radiation protection principles and policies, equipping attendees with the latest information in this vital field.

Radiation protection is of paramount importance in the healthcare sector, where medical radiation is frequently used for diagnostic and therapeutic purposes. Understanding the principles and policies governing radiation protection is essential for ensuring the safety of patients and healthcare providers alike.

The seminar covered a range of topics, including the latest guidelines and best practices for radiation protection. Participants engaged in discussions and had the opportunity to address their queries and concerns, making the session highly interactive and engaging.



As a part of GAPIO and GARTIO's commitment to advancing medical knowledge and best practices, this seminar aimed to enhance the understanding of radiation safety measures among healthcare professionals. By staying informed about the latest developments in radiation protection, attendees are better equipped to provide safe and effective care to their patients.

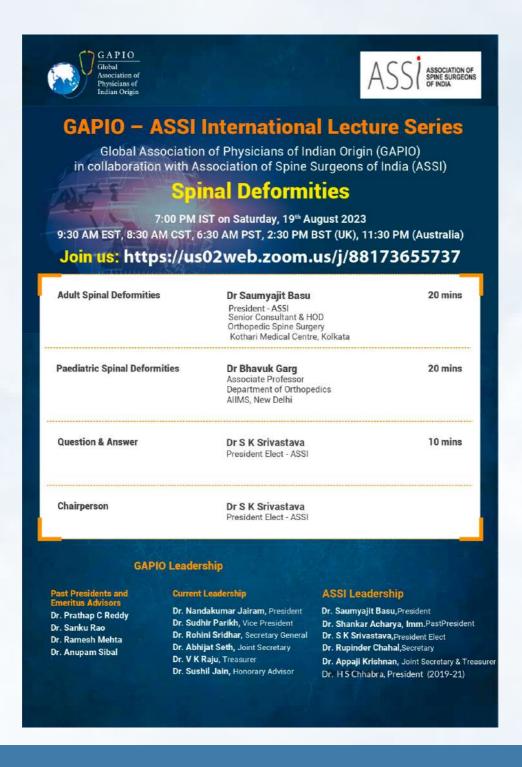
The event was conducted virtually, allowing physicians and radiological technologists from around the world to participate and benefit from this valuable knowledge-sharing opportunity.

#### **Exploring Spinal Deformities: GAPIO and ASSI Unite for Insightful Session**

In a collaborative effort, the Global Association of Physicians of Indian Origin (GAPIO) and the Association of Spine Surgeons of India (ASSI) hosted an enlightening session on Spinal Deformities. The event, held on August 19th, 2023, garnered the participation of medical professionals and enthusiasts eager to delve into the intricacies of spinal health.

The session featured two distinct segments, each led by an expert in the field. Dr. Bhavuk Garg, from AIIMS, New Delhi, offered profound insights into pediatric spinal deformities, while Dr. Saumyajit Basu, from Kothari Medical Centre, Kolkata, provided valuable perspectives on adult spinal deformities. Participants had the opportunity to engage with these esteemed professionals, fostering knowledge exchange and a deeper understanding of spinal health.

The collaboration between GAPIO and ASSI continues to be a driving force behind such informative sessions, promising more enlightening events in the future. This session not only expanded the horizons of medical knowledge but also promoted networking and collaboration among medical professionals worldwide.



## IAP-GAPIO's Exclusive International Lecture Series: A Wealth of Medical Insights

On August 26th, 2023, medical professionals and enthusiasts gathered for an illuminating session hosted by the Indian Academy of Pediatrics (IAP) in collaboration with the Global Association of Physicians of Indian Origin (GAPIO). The event, a part of their Exclusive International Lecture Series, featured esteemed speakers who shared profound insights into critical areas of healthcare.

Dr. Anshuman Saha led an engaging discussion on the "Clinical Utility of Genetic Testing in Children with Kidney Diseases," delving deep into the advancements and applications of genetic testing in pediatric nephrology. Dr. Shobha Sharma unraveled the complexities of the "Approach to Tubular Disorders in Children," shedding light on diagnostic and therapeutic approaches in this specialized field.

This knowledge-sharing initiative provided a platform for medical leaders worldwide to share expertise and engage in meaningful discussions. Participants were enriched with valuable insights that are vital in the ever-evolving landscape of healthcare. The event's success underscored the importance of collaborative learning and knowledge exchange within the medical community. GAPIO and IAP's dedication to facilitating such sessions continues to benefit healthcare professionals globally.



## **SOCIAL MEDIA COVERAGE**

# GAPIO Celebrated International Youth Day 2023: Empowered Tomorrow's Leaders for a Sustainable World

In a heartfelt tribute to International Youth Day 2023, GAPIO acknowledged the profound impact of our global youth community. As we navigate the path towards a sustainable future, the vigor, and innovative spirit of our young minds serve as a beacon of hope.

Equipped with knowledge, values, and skills, these emerging leaders will pioneer change, champion environmental sustainability, and drive efforts to achieve the Sustainable Development Goals. GAPIO applauded their unwavering commitment to creating a greener, more equitable world.

We stand together with the global youth movement, inspired by their dedication to making a difference. Together, we must empower and supported our youth, recognising them as the architects of a brighter tomorrow.



## **SOCIAL MEDIA COVERAGE**

#### GAPIO Celebrates India's 77th Independence Day: "Nation First, Always First" =

In a spirited celebration of India's 77th Independence Day, GAPIO proudly embraced the theme of "Nation First, Always First." This day served as a heartfelt tribute to the brave freedom fighters whose sacrifices paved the path to liberty and democracy.

Independence Day is not only a commemoration of our hard-won freedom but also a poignant reminder of our shared responsibilities in safeguarding our nation's prosperity and unity. GAPIO encouraged all to rekindle their patriotic spirit, fostering a sense of collective dedication towards a unified and progressive India.

As we look back with gratitude and forward with resolve, GAPIO reaffirmed its commitment to contribute positively to the nation's growth, honouring the principles of "Nation First, Always First."



## **GAPIO Honors' List August 2023**



**Dr Anupama Chawla**, Director, Division of Pediatric Gastroenterology and Nutrition, President, National Board of Nutrition Physician Specialists, Director, Stony Brook Children's Celiac Disease & Gluten Sensitivity Center, Co-Director, Healthy Weight and Wellness Center, Chair, Nutrition Committee, Stony Brook Medical Center, Clinical Professor of Pediatrics, Stony Brook Children's Hospital Stony Brook, NY has been elected as the President of the "National Board of Physician Nutrition Specialists (NBPNS)".

**Dr Arun Prasad**, Surgical Gastroenterology, Bariatric and Robotic Surgery, New Delhi, performed a Live High-Tech Robotic Bariatric surgery using AI Assisted Surgical Staplers, during annual world congress held by The International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO) held on August 28, 2023 held in Naples, Italy.

**Dr Ashish Aneja**, Senior Medical Officer, Kurukshetra University, received Unnat Bharat Sevashree Ratan Award 2023, New Delhi by Mata Mantari Devi Charitable Trust for his social services, awareness health check-up camps for the last 10 years in association with GAPIO and many national and international societies.

Dr Ashok Sharma, Consultant, Internal Medicine at New Delhi has been nominated for the Barnes Book Award 2023.

**Dr Glory Alexander**, Director, ASHA Foundation, has been appointed as a member of the Organising committee of the International AIDS Conference that is going to be held in Munich, Germany in the month of July 2024. The International AIDS Society is the world's largest organisation of HIV Professionals with representatives from more than 170 countries.

**Dr Suresh Raghavaiah**, Senior Consultant HPB and Multi-Organ Transplant Surgeon at Bangalore, has performed the first Liver Transplant surgery at St Johns' Hospital, Bangalore after a gap of 25 years. Patient did well.

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### **GAPIO Honors' List August 2023**

Dr Keerti Singh, Lecturer, Faculty of Medical Sciences, Cave Hill campus, Barbados, University of the West Indies, has contributed the following:

- · July 5th 2023: Participated as assistant treasurer of Barbados Association of Medical Practitioners (BAMP) in the BAMP de Market: Know Yuh Numbers, an outreach activity of free health checks and health products giveaways.
- · July 22nd 2023: Elected as the Assistant Treasurer of the Barbados Association of Medical Practitioners (BAMP) council for the year 2023-2024.
- July 10th 2023: Invited to judge the conference Posters and Tech Fair Presentations for the Sandy Marks Poster Award and Ralph Ger Platform Presentation Awards, organized by the Career Development Committee of the American Association of Clinical Anatomists (AACA) during the AACA 2023 Annual Meeting held at the Hilton Buena Vista Palace, Disney Springs, Orlando, USA.
- · August 26th 2023 installed as the Lieutenant Governor for Optimist International, Caribbean District Zone 10 for the optimist year 2023-2024, zone 10 territories include following countries - Anguilla, Antigua & Barbuda, Guyana, Trinidad & Tobago, and Barbados, during the annual OI convention held at Jamaica.

Dr Raju Vaishya, Senior Consultant, Orthopedic Surgeon at New Delhi has published the following papers:

- · Vaishya R, Vaish A. Orthopaedic research output from SAARC countries in the last 25 years. J Bone Joint Ds 2023; 38(2): 131-133.
- D'Ambrosi R, Vishwanathan K, Srinivas SBS, Vaish A, Vaishya R. Trends of publications on single- and doublebundle ACL reconstructions over the last 20 years – a bibliometric analysis of the PubMed literature. Ind J Orthop 2023; https://doi.org/10.1007/s43465-023-00977-5.
- · Vaish A, Migliorini F, Vaishya R. Artificial Intelligence in Foot and Ankle Surgery. Current Concepts. Orthopädie 2023; doi: https://doi.org/10.1007/s00132-023-04426-x
- · Howard T, Iyengar KP, Vaishya R, Ahluwalia RS. High-fidelity virtual reality simulation training in enhancing competency assessment in orthopaedic training. Br J Hosp Med 2023; https://doi.org/10.12968/hmed.2022.036
- · Vaishya R, Gupta BM, Kappi MM, Misra A, Kuchay MS, Vaish A. Research on Non-alcoholic fatty liver disease from Indian Subcontinent: A bibliometric analysis of publications during 2001-2022. J Clin Exp Hepatol 2023 (Aug); https://doi.org/10.1016/j.jceh.2023.08.007.
- Shetty AP, Raja DC, Vaishya R. Current Trends and Advancements in Spine Surgery. J Orthop 2023; https://doi.org/10.1016/j.jor.2023.08.002
- · Vaishya R, Gupta BM, Singh Y, Vaish A. Covid-19 and Sarcopenia: A bibliometric analysis. Iberoamerican Journal of Science Measurement and Communication 2023: 3(2). https://doi.org/10.47909/ijsmc.49.

Dr. Sagar Jawale, MS, Pediatric Urologist and Neonatal Surgeon, Jawale Institute of Pediatric Surgery, Jalgaon, Maharashtra has published the following article:

Jawale, Sagar; Intrapancreatic autologous stem cell therapy for type 1 diabetes - an experimental study, Annals of medicine and surgery.

Dr V K Raju, Ophthalmologist and President and Founder, Eye Foundation of America, USA, was honored by "The Board of Trustees" of "American Academy of Ophthalmology" with "Life Achievement Honor Award" for his many years of distinguished service in the programs held by American Academy of Ophthalmology.

# GAPIO CONGRATULATES ALL THE ACHIEVERS FOR MAKING INDIA PROUD

**Global Association of Physicians of Indian Origin** 

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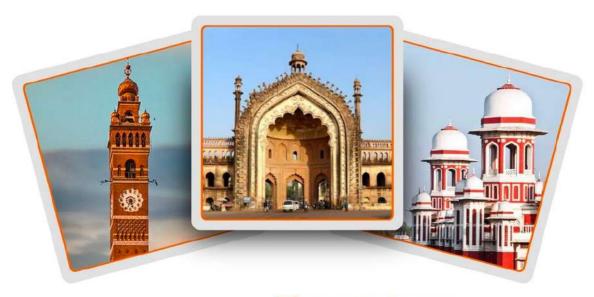








# GAPIO XIV ANNUAL CONFERENCE 2024



16 - 17 March

Lucknow

Scientific Sessions Speciality Workshops **GAPIO** Awards **Gala Dinner** Lucknow & Ayodhya tourism



Hosted By Apollomedics Hospitals Lucknow



# Global Association of Physicians of Indian Origin

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# ANNOUNCEMENT OF GAPIO AWARDS - 2024



A) DR. I A MODI AWARDS



B) GAPIO EXCELLENCE IN RADIOLOGY/RADIATION THERAPY AWARDS



C) GAPIO SURGICAL EXCELLENCE AWARDS



D) GAPIO EXCELLENCE IN DIAGNOSTICS AWARDS



E) DR. PRATHAP C REDDY PHILANTHROPY AWARD



F) GAPIO LIFETIME ACHIEVEMENT AWARD

## Note:

- · Awards A to D in two categories i.e. Distinguished Clinician and Young Clinician Distinguished Clinician will get cash award of Rs. 1 lakh with trophy and citation and Young Clinician will get cash award of Rs. 50,000/- with trophy and citation.
- · Awards at E and F will be given to one person only and will carry a cash award of Rs. 1 lakh with trophy and citation.

## XIV ANNUAL CONFERENCE ON 16TH AND 17TH MARCH 2024 AT LUCKNOW, UTTAR PRADESH

For nomination form and criteria please visit

https://gapio.in/awards2024/

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