

AWARDS/HONOURS/RECOGNITION



THE LANCET Regional Health Southeast Asia



AWARDS:

1. **Visitors (Presidents) Awards for Research (Biological Sciences) 2021**, President of India
2. **Jamia Award of Research Excellence 2021**, Vice Chancellor Jamia Millia Islamia
3. **Ramachandran National Bioscience Award**, Department of Biotechnology, 2018
4. **Basanti Devi Amir Chand Award**, Indian Council of Medical Research, 2018
5. **PA Kurup Oration**, Indian Society for Atherosclerosis Research, 2014
6. **Surg. Rear Admiral M. S. Malhotra Awards**, DRDO, 2014
7. **Innovations Award**, Cleveland Clinic Foundation, USA, 2008

HONORS:

1. **Fellowship**, Indian National Sciences Academy, New Delhi
2. **Fellowship**, National Academy of Sciences, Allahabad,
3. **Fellowship**, Indian Academy of Science, Bangalore
4. **Membership**, Guha Research Conference, India
5. **Membership**, National Academy of Medical Sciences

RECOGNITIONS:

1. **Member**, Panel of Fats and Oil, FSSAI, Govt of India
2. **National Coordinator**, SPARC- India-Portugal collaborations, Govt of India
3. **Member**, Pharmacopeia Commission for Unani Medicine, Govt of India
4. **Member**, Research Council, University of Kashmir, J&K
5. **Member**, DBT, committee on Conference, Travel, Exhibition and Popular Lectures (CTEP)
6. **Member**, ICMR Task Force on venous Thromboembolism
7. **Member**, NAMS Task Force on Venous Thrombosis (2020-)
8. Selected among **ICONS OF INDIA** by India Today Group publications.

INTERNATIONAL RECOGNITIONS:

1. **Member**, Global consortium on Acute Mountain Sickness,
2. **Innovations Award** (2008), Cleveland Clinic Foundation, USA,
3. **Invited Member** Pulmonary Vascular Research Institute, UK
4. **Invited Judge** (2008) for Basic Science Poster Competitions of the American Heart Association's Scientific Sessions New Orleans, USA
5. **Invited Investigator** (2007) Center for Stem Cell and Regenerative Medicine, National Center for Regenerative Medicine group, Case Western Reserve University and Cleveland Clinic Foundation, USA
6. **Panel Investigator** (2008), Vascular Biology Working Group, sponsored by University of Florida College of Medicine, USA
7. **External Review**, Distinguished Scientists Selection committee-2008, American Heart Association, USA
8. **Keynote Speaker**, Developing a successful Grant Proposal, Internal Indo-Canadian Webinar, 7 July 2020
9. **Keynote Speaker**, Thrombosis at AI Thrombosis. Vaibhav Bharat International Summit, 23 Oct 2020
10. **Keynote Speaker**, Management of Thrombosis: American Association of Precision Medicine Global Conference 30 July 2020

AWARDS RECEIVED BY RESEARCH SCHOLARS/POST-DOCTORAL FELLOWS

1. **Dr Aastha Mishra (DST-INSPIRE faculty working in our group)**
SERB woman excellence award 2019.
Young Investigator Award- International Society for Mountain Medicine 2018
2. **Dr Neha Gupta (PhD student)**
SERB woman excellence award 2019
INSA Young Scientist award 2018
DST-INSPIRE Faculty 2017
3. **Aatira Vijay (PhD student)**
Early Career Investigator Award-**American Heart Association 2019**, Scientific Sessions in Philadelphia, Pennsylvania on November 16-18, 2019.
4. **Prabhash Kumar Jha ((PhD student)**
2019 Paul Dudley White International Scholar Award- **American Heart Association**, Basic Cardiovascular Science Scientific Sessions 2019 , Boston, Massachusetts, July 29 , 2019
5. **Swati Sharma (PhD student)** 2019 Young Investigator Award, Indian Society for Atherosclerosis Research
6. **Mohd Yasir (PhD student)** 2023 Young Investigator Award, EMBO

विद्यालय परीक्षा समिति
प्रमाणित किया जाता है
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2 FEBRUARY 1972

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उनका पाँचवां विषय ^{SSC} रहा जिसमें वे उत्तीर्ण / अनुत्तीर्ण रहे।
समाजोपयोगी उत्पादक कार्य तथा सामुदायिक सेवा के आधार पर विद्यालय द्वारा प्रदत्त ग्रेड

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बिहार विद्यालय परीक्षा समिति

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Attestand
Wichtig und heilig

Head
Department of Biotechnology
Department of Millia Islamia
Jamia Millia Islamia
New Delhi-110025

संज्ञा



अनुसंधान के लिए
कुलाध्यक्ष पुरस्कार
(जीव विज्ञान)
2020

मैं, राम नाथ कोविन्द, भारत का राष्ट्रपति, जामिया मिल्लिया इस्लामिया में जैव प्रौद्योगिकी विभाग के प्रो. मोहम्मद जाहिद अशरफ को कम ऑक्सीजन वाले वातावरण के प्रभाव से होने वाली ब्लड क्लॉटिंग समस्या और इसके नैदानिक विज्ञान से सम्बद्ध क्रियाविधि को समझने में उनके द्वारा किए गए कार्य के लिए "अनुसंधान (जिव विज्ञान) का कुलाध्यक्ष पुरस्कार 2020" प्रदान करता हूँ। यह अनुसंधान थ्रोम्बोसिस के शीघ्र निदान और उपचार में सहायक सिद्ध हुआ है।

नई दिल्ली
07 जून, 2022

राम नाथ कोविन्द
राष्ट्रपति

VISITOR'S AWARD
FOR RESEARCH
(Biological Sciences)
2020

I, Ram Nath Kovind, President of India, confer on Prof. Mohammad Zahid Ashraf, Department of Biotechnology, Jamia Millia Islamia the Visitor's Award for Research (Biological Sciences), 2020 for his work in understanding blood clotting on exposure to low oxygen environment and mechanisms associated with its pathology. This has helped in early diagnosis and treatment of thrombosis.

New Delhi
7th June, 2022

R. Kovind
President



PRESIDENT'S SECRETARIAT

PRESS NOTE

**Rashtrapati Bhavan
New Delhi – 110 004**

12 July, 2021

The President of India, in his capacity as Visitor of the Central Universities, annually confers Visitor's Awards to promote healthy competition amongst Central Universities and motivate them in pursuit of excellence, to adopt best practices from around the world. These Awards may be considered for the following categories:

- 1) Visitor's Award for Innovation
 - 2) Visitor's Award for Research
 - i. Humanities, Arts and Social Sciences
 - ii. Physical Sciences
 - iii. Biological Sciences
 - 3) Visitor's Award for Technology Development
2. The Visitor's Awards were instituted vide Notification No. 253 dated 24 October, 2014 with subsequent amendments being notified from time to time.
3. The Visitor's Awards for 2020 are the 6th in this series of Awards. The First Visitor's Awards were conferred during the conference of Vice-Chancellors of Central Universities on February 4, 2015, the Second on March 14, 2016 during the Festival of Innovations 2016, the third on March 6, 2017 during the Festival of Innovations 2017, the fourth during the Meet of Vice Chancellor on 2nd May, 2018 and the fifth during the Vice Chancellor Conference on 17th December, 2019.
4. Regarding the Awards for 2020, a Selection Committee headed by the Secretary to the President, Shri K.D. Tripathi and comprising eminent persons and academicians, was constituted for selecting the awardees.

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5. Online applications were invited from the Central Universities for each category of the awards. After scrutiny of the online applications received, the Selection Committee recommended conferment of Visitor's Awards, 2020 to the following which were approved by the President of India:

Visitor's Award for Research (Physical Sciences), 2020	Prof. Anunay Samanta, School of Chemistry, University of Hyderabad for his research on Ultrafast pump- probe and single-molecule fluorescence spectroscopic study of charge carrier dynamics in photo-excited perovskite nanocrystals.
Visitor's Award for Research (Biological Sciences), 2020	Prof. Mohammad Zahid Ashraf, Department of Biotechnology, Jamia Millia Islamia for his research on hypoxia-induced thrombosis.
Visitor's Award for Technology Development, 2020	Prof. Pritam Deb, Department of Physics, Tezpur University for his work on development of Biodegradable Polymer Film Reinforce with Two Dimensional Heterostructure for Food Packaging.



Prof. Mohammad Zakia Askrif,
Department of Biotechnology, Faculty of Natural Sciences,
Ramanujan Block, Jamia Millia Islamia,
New Delhi - 110025

3rd March 2020

Dear Prof. Ashraf,

We are glad to inform you that based on your presentation and deliberation during the annual meeting of Guha Research Conference held in Jaisalmer, Rajasthan from 6-10 December 2019, you have been elected as a member of Guha Research Conference from the year 2019. We express our hearty congratulations to you and look forward to your active participation in the activities of the Guha Research Conference.

Best wishes,

Ramesh Sonti
Director, NIPGR
New Delhi

Alok Krishna Sinha
Scientist VII, NIPGR
New Delhi

Pawan Malhotra
Group Leader, ICGEB
New Delhi





JAMIA AWARD OF RESEARCH EXCELLENCE 2021

JAMIA MILLIA ISLAMIA
New Delhi

Prof. Mohammad Zahid Ashraf, Head, Department of Biotechnology at Jamia Millia Islamia is a role model and an icon of inspiration for several young researchers and students. The success of Prof. Ashraf rests on staying self-motivated and passionate about innovative research in the field of life sciences.

He is conferred with Research excellence for the ground breaking contributions in the field of life sciences and has done seminal work in resolving the mystery of blood clotting on exposure to low oxygen environment. His landmark discovery has contributed towards devising solutions for diagnosis and treatment of blood clotting disorders. He has diligently worked in the diverse field of cardiovascular diseases, molecular medicine, and translational biology. His excellence in research, innovation, interdisciplinary approaches, research-led teaching has inspired both students and faculty in the university.

In recognition of his prominent and sustained contribution for improving quality research culture in the university Prof. Mohammad Zahid Ashraf is presented with this
"Award of Research Excellence".

Najma Akhtar

PROFESSOR NAJMA AKHTAR
(VICE CHANCELLOR)

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The National Academy of Sciences, India

Scientific Contributions of Fellows Elected in year 2018

1. Prof. Avinash Kumar Agarwal (b. 1972), PhD, FNAE, Professor, Mechanical Engineering Department, Indian Institute of Technology Kanpur, Kanpur, for his innovative and industrially relevant research work on engines; he has developed 'laser ignition technology' for methane-air or hydrogen-air mixture usage in a prototype engine.
2. Dr. Vidya Avinash Arankalle (b. 1952), PhD, FNA, FASc, Senior Scientist, IRSHA, Bharati Vidyapeeth University Complex, Pune, for her outstanding contribution in the field of research on hepatitis E, especially for addressing several issues, such as pathogenesis in patients, development of recombinant protein based vaccine and diagnostic tests, transmission modes etc.
3. Prof. Mohammad Zahid Ashraf (b. 1973), PhD, Professor, Department of Biotechnology, Jamia Millia Islamia, New Delhi, for elucidating novel inflammation related mechanisms of thromboembolism at high altitudes, which could be developed as potential therapy; also identified biomarkers for early diagnosis of thrombosis and means of intervention.
4. Prof. Sameer Bakhshi (b. 1969), MBBS, MD, Professor, Department of Medical Oncology, Dr. BRA Institute Rotary Cancer Hospital, All India Institute of Medical Sciences, New Delhi, for his pioneering work on childhood cancers, especially generating novel therapies in retinoblastoma, involving imaging based staging and sub-categorization. This has influenced novel guidelines for retinoblastoma therapy.
5. Dr. Arun Bandyopadhyay (b. 1963), PhD, Senior Principal Scientist, CSIR-Indian Institute of Chemical Biology, Kolkata, for his significant contribution to the understanding of cardiovascular disease, especially in the area of cardiac hypertrophy.
6. Dr. Saroj Kanta Barik (b. 1965), PhD, Director, CSIR-National Botanical Research Institute, Lucknow, for his outstanding contributions to the understanding of plant diversity, conservation biology and regeneration ecology with specific reference to North-Eastern India. His studies on plant metapopulations and their modeling are unique contributions to population ecology and conservation biology.
7. Dr. Manav Bhatnagar (b. 1976), PhD, FNAE, FIET (UK), FIETE, Associate Professor, Electrical Engineering Department, Indian Institute of Technology Delhi, New Delhi, for his manifold contributions in the areas of Performance analysis of wireless and wireline communication systems; and Precoder and receiver design for cellular technologies.
8. Prof. Aninda Jiban Bhattacharyya (b. 1968), PhD, FASc, Professor and Chair, Solid State



Indian Academy of Sciences

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Fellow Profile

Elected: 2019 Section: General Biology

Ashraf, Prof. Mohammad Zahid

Ph.d. (JMI & Delhi), FNASc

Date of birth: 2 February 1973

Specialization: High Altitude Medicine, Translational Biology, Cardiovascular Biology

Address: Department of Biotechnology, Shrinivasa Ramanujan Block, Jamia Millia Islamia, Jamia Nagar, New Delhi 110 025, U.T.

Contact:

Office: (011) 2698 1717/3426

Residence: (011) 2381 5024

Mobile: 98714 26706

Fax: (011) 2698 0229

Email: zashraf@jmi.ac.in

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ACADEMY NEWS

ADVANCED INSTRUCTIONAL SCHOOL ON STOCHASTIC PROCESS

Posted on 21 May 2019

Poster

Level 2 - Apply here

SELECTED PARTICIPANTS FOR SCIENCE OF MATERIALS SUMMER SCHOOL

Posted on 29 April 2019

Final list of selected candidates

Individual intimations have been sent to all the selected candidates



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Indian National Science Academy


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Fellow Detail Page

Service Details Awards & Honours Back

SNo : P23-1941	YoE : 2023	YoB : 1973	Gender : M	Sec Cte : 9
Name : Professor Md Zahid Ashraf (Professor Mohammad Zahid Ashraf)	Gender : M	Qualification : PhD	Institute : Univ	Nationality : Indian
Specialization : Genomics, Biomedical Sciences, Translational Biology, High Altitude Biology	Membership : FNASc, FASc	Chapter : Delhi	Admt : N	
Address for Communication : Professor & Head Department of Biotechnology Faculty of Natural Sciences Jamia Millia Islamia University Delhi 110025 India	Mail : Y	Office Address : Professor & Head Department of Biotechnology Faculty of Natural Sciences Jamia Millia Islamia University Delhi 110025 India	Residence Address : 72 Mail Apartments Mall Road Delhi 110054 India	



Dr. Mohammad Zahid Ashraf
Jamia Millia Islamia, New Delhi

Dr. Mohammad Zahid Ashraf, is a Professor in the Department of Biotechnology at Faculty of Natural Sciences, Jamia Millia Islamia (JMI), New Delhi. Prior to this, he headed the Genomics Division at Defence Institute of Physiology and Allied Sciences (DIPAS), Defence Research and Development Organization (DRDO), Delhi. After graduating in Biosciences from Jamia Millia Islamia (JMI), New Delhi, he did his PhD from JMI and Vallabhbhai Patel Chest Institute (VPCI), University of Delhi, New Delhi. Dr. Ashraf worked as a post-doctoral fellow at one of the leading research groups in cardiovascular biology at the Department of Cell Biology and Department of Molecular Cardiology at the Lerner Research Institute, Cleveland Clinic, USA. His post-doctoral research involved studies on regulation of cardiovascular function by endothelial gene expression and their modulation by signaling molecules accompanied by the studies on the role of scavenger receptors in cardiovascular diseases.

His research focus includes Cardiovascular Biology, Functional Genomics, Molecular Medicine and Translational Biology. Dr. Ashraf has significantly contributed in the field of high altitude thrombosis and his work has tried to resolve the mystery of blood clotting on exposure to hypoxia at high altitudes and mechanisms associated with its pathology. His team has explored the role of platelet proteome in development of blood clot and discovered the role of novel regulator "Calpain" in pathogenesis of thrombosis at Himalayan mountain range. His research established the cause of venous thrombosis among soldiers posted at high altitudes of Siachen and this work has contributed in developing strategy for an early diagnosis and treatment of thrombosis in Indian Army Jawans posted under extremely hostile environmental conditions at high altitudes. In addition, Dr. Ashraf has divulged a unique role of inflammatory molecule NLRP3 inflammasome in potentiating venous thrombosis under hypoxic settings. Furthermore, he has developed a specific microRNAs-145 based therapy against thrombosis. These preclinical findings have been validated in patients, supporting the translational significance of miR-145 for development of a novel antithrombotic therapy.

National Bioscience Award for Career Development is conferred upon Dr. Mohammad Z. Ashraf towards recognition of his seminal work on high altitude induced thrombosis in the Indian population and mechanisms associated with its pathology.

REDMINATE 5 PRO

INDIAN COUNCIL OF MEDICAL RESEARCH

BASANTI DEVI AMIR CHAND PRIZE

**2017
CITATION**



DR MOHAMMAD ZAHID ASHRAF

The Basanti Devi Amir Chand Prize is the earliest instituted award of ICMR, founded in 1953 by (Late) Major General Amir Chand for the significant research contributions made by scientists in the field of biomedical sciences. This prize is awarded to a research scientist engaged in any area of biomedical sciences. The award for the year 2017 is being presented to Dr Mohammad Zahid Ashraf, Jamia Millia Islamia, New Delhi for the research work on "Cardiovascular biology".

Dr Ashraf has been instrumental in resolving the mystery behind blood clotting on high-altitude hypoxia exposures. His work has exhibited the role of Calpain activation, NLRP3-Caspase1-IL1 β -signaling and miR-145 in the thrombus formation and is in the process of their translational and commercial applications. His findings are acknowledged globally and documented in various journals-of-repute.



ISARCON
2014

27th Annual National Conference & International CME

Indian Society for Atherosclerosis Research
Innovations in Atherosclerosis & Cardiac Diseases

25th - 27th November 2014

King George's Medical University, U.P. Lucknow
Department of Pathology



Prof. P. A. Kuroop Oration Award 2014

Awarded to

Dr. M. Zahid Ashraf

DIPAS, DRDO, Delhi

Prof. Nalini Namasivayam
President
(ISAR)

Prof. S. K. Verma
Secretary
(ISAR)

Prof. Raj Mehrotra
Organizing Chairperson
(ISARCON 2014)

Dr. Wahid Ali
Organizing Secretary
(ISARCON 2014)

Vaishwik Bharatiya Vaigyanik Summit

GLOBAL SUMMIT OF OVERSEAS AND RESIDENT INDIAN
SCIENTISTS AND ACADEMICIANS - OCT-NOV 2020

शुद्धा हि बुद्धिः किलकामधेनुः ॥



HEALTH, MEDICAL SCIENCES AND BIOMEDICAL DEVICES



Topic of discussion

Remote and Rural Health - Reaching the unreached

High altitude medicine

23rd and 24th October 2020 8.30 PM to 10:30 PM (IST)

Hosted by: Department of Physiology
All India Institute of Medical Sciences, Rishikesh



Our Eminent panelists (Day 1)



Dr Latika Mohan,
India



Dr K S Rao,
USA



Dr Tsering Norboo,
India



Air Cmde (Dr) VK Sashindran,
India



Prof Nanduri Prabhakar, USA



Prof Mohd. Zahid Ashraf,
India



Dr Tsering Stobdan,
USA

Launch of Portal and Logo of i-RegVED

**ICMR - National Hospital based Registry on
Venous Thromboembolic Disorders
13th June, 2022 at 12:00pm (IST)
in Conference Room, ICMR Head Quarters**



Prof. (Dr.) Balram Bhargava
Secretary, DHR & DG, ICMR



Dr. N.S. Chatterjee
Head, BMS, ICMR



Dr. Samiran Panda
Addl. DG, ICMR



Prof. (Dr.) Narendra K. Arora
Executive Director
The INCLEN Trust International

TIME	TOPIC	LEAD
12:00 – 12:05 PM	Background and Introduction	Dr. Heena Tabasum Scientist D, Division of Basic Medical Science Planning and Coordination, ICMR HQ, New Delhi
12:05 – 12:10 PM	Welcome address	Dr. Nabendu S. Chatterjee Scientist G & Head, Basic Medical Science, ICMR- HQ New Delhi
12:10 – 12:15 PM	Data Management and Analysis	Dr. V.V. Rao Director ICMR- NMMS ICMR, New Delhi
12:15 – 12:22 PM	Chairperson's Remark	Prof. M.K. Arora Chairperson, VTE task force, ICMR-Hq
12:22 – 12:30 PM	Future Vision and insights	Dr. Samiran Panda Additional DG, ICMR- HQ, New Delhi
12:30 – 12:40 PM	Launch and Inaugural Address	Prof (Dr.) Balram Bhargava Director General, ICMR and Secretary, DHR
12:40 – 12:55 PM	Feedback from Site Pis	Prof. Rakesh Yadav Dept. of Cardiology, AIIMS, New Delhi Prof Shree laxmi Dept. of Pathology, Madras Medical College, Chennai.
12:55 – 01:00 PM	Vote of Thanks	Dr. Sumit Aggarwal Scientist D, Division of ECD, ICMR-HQ, New Delhi

Members of ICMR-NTF on Venous Thromboembolic Disorders



Prof. R. Yadav



Prof. Mohd Z. Ashraf



Prof. A.K. Sharma



Prof. Maitreyee B.



Dr. S. Mehta



Dr. Manisha R.M.



Dr. Aby Abraham



Prof. S.P. Verma

Program coordination, Implementation and data Management Unit



Dr V.V. Rao



Dr Heena Tabassum



Dr Sumit Aggarwal

List of participating centers



Join the Launch event using the Code or the Link
<https://youtu.be/K2tqnodZ0yI>

