

REPORT

Report on participation of the ICMR International Fellow (ICMR-IF) in Training/Research abroad.

1. Name and designation of ICMR- IF : Hemanga K Bhattacharjee
Professor
2. Address : Room no 415
Surgery Block
Department of Surgical Disciplines
All India Institute of Medical Sciences
New Delhi 110029
3. Frontline area of research in which training/research was carried out : Lung transplantation
4. Name & address of Professor and host institute : Prof Konrad Hoetzenecker
Department of Thoracic Surgery
Medical University of Vienna
Austria
5. Duration of fellowship with exact date :30.03.2023 to 27.06.2023
6. Highlights of work conducted :
 - i. Technique/expertise acquired are
 - The criteria for the referral and selection of candidates for lung transplantation
 - Evaluation and management of candidates for lung transplantation
 - Listing of patients for lung transplantation
 - Other organizational aspects of lung transplantation
 - Technical aspects of lung transplantation: Explant procedure, implant procedure, lobar transplant, re-transplant, single lung transplant
 - Follow-up of lung transplant recipient
 - The techniques for ex-vivo lung perfusion (EVLV)

Use of extracorporeal membrane oxygenation (ECMO) for prep-operative, intra-operative and post-operative care of lung transplant patients

Static lung preservation strategies at 10° C

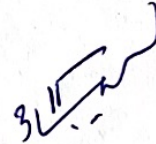
Besides, lung transplantation, I also had the opportunity to participate in all the other academic and clinical activities of the department including management of lung cancer, tracheal and pleural diseases, reconstructive surgeries of the chest wall, etc.

ii) Research results, including any papers, prepared/submitted for publication:

I had the opportunity to present about our institute, the academic and clinical activities of my department and a guest lecture titled "**STRESS AND STRAIN IN OPERATING ROOM: APPROACH TO HEAL THE HEALERS**" in their morning grand-round.

iii) Proposed utilization of the experience in India:

The exposure and expertise obtained from my training will help me to strengthen the lung transplant program in my institute. It will help me to improve the care of our thoracic surgery patients and the training and academic activities of my department.



Signature of ICMR-IF

ICMR Sanction No.

INDO/FRC/452/(S-50)/2022-23-IH&HRD dated 26.10.2022



डॉ. हेमांगा के. भट्टाचारजी

Dr. Hemanga K. Bhattacharjee
आचार्य / Professor

राज्य चिकित्सा विभाग / Dept. of Surgical Disciplines
अ.भा.आ.सं., नई दिल्ली / A.I.I.M.S., New Delhi-110029