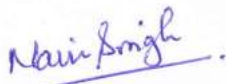


## REPORT

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

1. Name and designation of ICMR- IF : Dr Navin Singh, Associate Professor
2. Address : Department of Radiotherapy,  
King George's Medical University  
Lucknow, Uttar Pradesh- 226003
3. Frontline area of research in which training/research was carried out : Medical Physics
4. Name & address of Professor and host institute : Prof Yoichi Watanabe  
Department of Radiation Oncology  
University of Minnesota,  
Minneapolis, MN 55455 USA
5. Duration of fellowship with exact date : 1<sup>st</sup> March – 19<sup>th</sup> March 2020
6. Highlights of work conducted :
- i) Technique/expertise acquired : Cherenkov Light Dosimetry  
Techniques
- ii) Research results, including any papers, prepared/submitted for publication : Annexure-1, the duration of the fellowship has been cut short due to the COVID-19 pandemic. The same work will continue here and may lead to publication with acknowledgement to ICMR in due course of time.
- ii) Proposed utilization of the experience in India : This technique allows starting in vivo dosimetry with Cherenkov light generated by high energy photons and electrons. With this, we can measure the superficial dose of the cancer patients which are harmful for the critical organ situated in that region.

ICMR Sanction No. INDO/FRC/452/(S-78)/2019-20-IHD

  
Signature of ICMR-IF