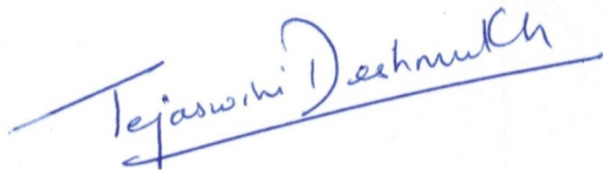


REPORT

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

1. Name and designation of ICMR- IF : Dr. Tejaswini M. Deshmukh
2. Address : National Institute of Virology
Hepatitis Group
130/1, Sus Road
Pashan, Pune 411021
3. Frontline area of research in which Training/research was carried out : siRNA/miRNA as anti-viral targets
4. Name & address of Professor and host institute : Dr. Radha K. Maheshwari
Professor
Pathology Department (PAT)
Uniformed Services University of
Health Sciences (USUHS)
4301, Jones Bridge Road
Bethesda, Maryland, USA 20814
5. Duration of fellowship : 6 months (January 2 to July 2, 2014)
6. Highlights of work conducted :
 - i) Technique/expertise acquired : *In vitro* efficacy testing of anti-viral siRNA/miRNA molecules.
Cell toxicity assays (MTT), virus titer assays, fluorescence microscopy
miRNA profiling and bioinformatic analysis.
 - ii) Research results, including any papers, Prepared/submitted for publication : Kindly refer to the appendices (1 and 2).
 - iii) Proposed utilization of the experience In India : Identification of biomarkers (miRNA) in hepatic viral diseases, assessment of its potential as therapeutic targets.
Assessment of siRNAs as anti-viral therapeutics.



Signature of ICMR-IF

