

TOUR REPORT ON FOREIGN VISIT

1.	Name & Designation of the Scientist	Dr. Alok Chandra Bharti, Scientist D
2.	Name of the Institute/Centre	Institute of Cytology and Preventive Oncology, Noida
3.	Date of visit	December 25, 2012- 18 Jan 2013 (Includes travel time and EL from 26 Dec. 2012 to Jan 1, 2013) Duration of fellowship- January 2 – 16, 2013
4.	Period of visit	15 days
5.	Place of visit	Atlanta, USA
6.	Purpose of the visit	ICMR –International Fellowship for Senior Indian Biochemical Scientists for the Year 2012-2013
7.	Source of sponsorship of the visit	Indian Council of Medical Research, New Delhi
8.	What is scientist's Contribution and Relevance to India/Ministry of Health/ Deptt. of Health Rresearch/ ICMR	Dr. Bharti specializes in molecular and cellular cancer research in field of HPV and cervical carcinogenesis. Dr. Bharti also heads the WHO HPV labnet Laboratory for South East Asia. In view of pivotal role of ICPO in global harmonization of HPV diagnostics, the visit was instrumental in establishing the comprehensive HPV genotyping technology in the country which is currently not available.
9.	Benefits of the Institute/Centre from the skills acquired by the scientist during the said visit	Based on the exposure of Dr. Bharti to leading international facility, his experience will be utilized to develop a state-of-the-art facility for HPV genotyping at the Institute.
10.	How the skills acquired by the scientist will be utilized?	Based on the training acquired, setting up of these HPV diagnostic assays will be perused. These assays will complement ICPO's ongoing programs focusing on effective control of cervical cancer and other HPV-related malignancies. Specifically, studies related to determination of HPV genotypes, multiple infections and seropositivity in high risk groups and in general population, which are being pursued as ICMR extramural projects, will be greatly benefitted. The knowledge will help in development of new research initiatives and strengthening of running programs in the division.
11.	Whether the Director/OIC satisfied with the report? Comments of Director/OIC on the report	

Signature of Scientist

Signature of Director

REPORT OF HOST INSTITUTE

1. Name of Professor : Elizabeth R. Unger, PhD, MD
(under whom training was carried out) :

2. Name and address of host institute :
Centers for Disease Control
1600 Clifton Road, MS G41
Atlanta, GA 30333
USA

3. Duration of fellowship : January 2 to January 16, 2013

4. Brief highlights of the achievements :

- Performed automated robotic DNA extraction suitable for large epidemiologic studies
- Trained in Linear Array, a DNA-based comprehensive HPV genotyping assay
- Learned CDC's process of QC for extraction
- Reviewed SOP for HPV52 Taqman assay
- Learned CDC's method for HPV DNA database management
- Reviewed SOP for HPV16 VLP ELISA
- Planned pilot evaluation of sera collected on filter paper for HPV 16 antibodies (tests conducted by CDC personnel)

5. Your assessment of the ICMR-IF

Dr. Bharti is quite familiar with HPV testing methods and was fully prepared to learn the details required to improve HPV testing in his laboratory. He appreciated the advantages of the commercial assay used by CDC (Roche linear array), and has details of all additional equipment required to facilitate adding this method to his laboratory. :

6. Any other comments :

Dr. Bharti kindly agreed to give a presentation of his work at the Institute of Cytology and Preventive Oncology, ICMR, to our branch. This was appreciated by all.



Elizabeth R. Unger PhD, MD
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