


**REPORT IN PARTICIPATION OF THE ICMR INTERNATIONAL FELLOW (ICMR-IF) IN
TRAINING/RESEARCH ABROAD. (2013-4)**

1.	Name and designation of the ICMR.IF	Dr. Vikas Gautam
2.	Name and address of host institute:	Associate Professor, Department of Medical Microbiology, Postgraduate Institute of Medical Education & Research (PGIMER), Chandigarh 160012.
3.	Frontline area of Research in which training/research was carried out.	Pharmacokinetics-Pharmacodynamics of antimicrobials.
4.	Name and address of the Professor and Host Institute.	Prof. J. W. Mouton. Erasmus MC, Department of Microbiology & Infectious diseases Wytemaweg 80, 3015 CN Rotterdam, The Netherlands. Radboud University Nijmegen, Department of Microbiology & Infectious Diseases 6500 HC Nijmegen, The Netherlands.
5.	Duration of Fellowship	March 8, 2014 to July 21, 2014.
6.	Highlights of work done Technique/Expertise Acquired Research results including any papers prepared submitted for Publication.	<ol style="list-style-type: none"> 1. Pharmacokinetics-Pharmacodynamics (pk/pd) of antimicrobials, which included <ol style="list-style-type: none"> a) software based analysis. b) animal experiments. 2. Participated in pk/pd of an investigational drug (not named because of confidentiality), which included experiments in mice. <ol style="list-style-type: none"> 1. <u>Manuscript:</u> Role of cefpirome dose regimen on the selection of resistance <i>Enterobacter cloacae</i> in the intestinal flora of rats treated for an experimental pulmonary infection (ready for submission) 2. <u>Proposal:</u> Pharmacodynamics of anti-pseudomonal combination therapy in children with cystic fibrosis (Submitted to INCLIN Trust (IndiaCLEN) during this fellowship period)

ICMR Sanction No. INDO/FRC/(Y-16)/2013-IHD


 Signature of ICMR-IF
 (Dr Vikas Gautam)