

## C. GENERAL REPORT

### 2. INDIVIDUAL TRAINING REQUEST

Responsibility: Trainee

Destination: Participants and Co-ordination

*Several EuroGentest participants offer the possibility to provide training on request.*

*This form is to be filled in by the requesting fellow*

<b>FELLOW</b>	<b>Name</b>	<b>Shivaram S. Shastri</b>
	<b>Address</b>	<b>C/o Dr. Madhulika Kabra, Genetics Unit, Old O.T. Block, Pediatrics Department, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi – 110029 INDIA</b>
	<b>Contact</b>	<b>Tel # : 91 011 2659 4585, 2658 8330 Fax # : 91 011 2658 8663, 2658 8641</b>
	<b>Email</b>	<b><a href="mailto:shivaramshastri@gmail.com">shivaramshastri@gmail.com</a></b>
<b>Description of the requested training: (max. 20 lines)</b>		

**Training in cystic fibrosis genetic testing**

I am working with Dr. Madhulika Kabra, Pediatric Geneticist and Dr. Sushil Kabra, Pediatric Pulmonologist in AIIMS, Delhi, India. I have a keen interest in molecular studies of genetic diseases, particularly that of cystic fibrosis (CF). As a doctoral student, I had analysed the mutation spectrum of *CFTR* gene in 100 Indian CF patients by SSCP. The paper on this subject was published last August in the J of Cystic Fibrosis - 2007 Aug 21 [Epub ahead of print]. However, one or both mutations were not identified in a significant number of these patients and now I would like to learn and apply other more sensitive techniques like HRMCA and MLPA for screening of CF mutations / intra-*CFTR* rearrangements in our patients. In addition, I am interested to obtain training in DNA sequencing using an automated ABI sequencer, similar to that of the host group. I am keen to get training in the organization of molecular diagnostic laboratory and validation of protocols and SOP generation.

**Number of person-months (days) requested**

One person, around 3-4 weeks

**Requested timing**

April 2008 or any other later timing, based upon discussion with the host.

**Educational level (predoc, postdoc, experienced, ...)**

Post doctoral fellow

**Actual position and Qualifications of trainee (academic, nurses, technicians, industrial, ...)**

Research Associate, M.Sc. (Biochemistry) PhD from Genetics Unit of All India Institute of Medical Sciences

**Facilities requested (equipment, housing, ...)**

Travel and stay (vegetarian food)

**Financial possibilities**

None offered by the host institute

**Preferential EuroGentest hosts**

Milan MACEK Jr. M.D., PhD. / Professor of Medical and Molecular Genetics / Department of Biology and Medical Genetics  
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