



## Fellowship in Genetic Diagnostics

### CALL FOR APPLICATIONS

The Division of Medical Genetics & Metabolism, Department of Pediatrics, Maulana Azad Medical College, New Delhi, in association with Department of Biotechnology, Government of India has launched a 6 month 'Fellowship in Genetic Diagnostics' for faculty from government medical colleges. Four trainees in a year (in two batches) will be taken; one batch starting in September 2019 and the second in March 2020.

The program will provide training in, cytogenetic and molecular genetic techniques along with the understanding about their applications in patient care. Training in high performance liquid chromatography, Tandem Mass spectrometry and Gas chromatography will also be imparted to interested candidates

Further, the faculty member trained under this program will be eligible to apply for DBT grant for Establishment of Diagnostic Centres at their respective institutes/colleges/hospitals after successful completion of their training

### **Eligibility and Mode of selection of trainees:**

Post-graduate degree (MD/MS/DNB) in Pediatrics, Biochemistry, Medicine or Obstetrics & Gynaecology, Pathology, Microbiology, Biochemistry, Laboratory Hematology, Laboratory Medicine, Anatomy, Physiology, Dermatology, Hematology, Radiotherapy, Endocrinology, Ophthalmology, Oncology or any other clinical/ paraclinical speciality/ Superspeciality and **holding regular position in Government medical college/ hospital.**

**Mode of selection:** Screening and selection based on scrutiny of Application form and telephonic interview. The commitment to learn and the possibilities of implementation at the workplace will be judged.

**Fellowship Schedule: 2<sup>nd</sup> Batch** from 1<sup>st</sup> April 2020 to 30<sup>th</sup> September 2020

**Fellowship of 2<sup>nd</sup> Batch will start from 1<sup>st</sup> April 2020.**

**Last date for submission of applications: 10<sup>th</sup> February 2020.**

**How to Apply:** Application form (*in the format given below*) along with self-attested photocopies of degree certificates, MCI registration certificate and experience certificates should be sent to the following address. The application should be forwarded by the head (Director / Principal) of the institute. **Soft copy of the application is to be sent by email to the training coordinator of the concerned centre (s) and it should be followed by duly forwarded hard copy of the application along with copies of necessary certificates. (If there is delay in submitting the application through proper channel, candidate can submit advance copy within last date of application to consider candidature; and application through proper channel can be submitted so as to reach to the concerned training centre coordinator by 20<sup>th</sup> February 2020)**

While sending soft copy of the application to the concerned centre, copy of the email may please also be marked to Dr. Onkar N. Tiwari, Scientist 'E', Department of Biotechnology, Govt. of India in the email ID: [onkar.dbt@nic.in](mailto:onkar.dbt@nic.in) for information.

### **Address for sending the application**

Dr Seema Kapoor, Director Professor, Division of Genetics, Department of Pediatrics

Maulana Azad Medical College, Bahadur Shah Zafar Marg, New Delhi 110002

[drseemakapoor@gmail.com](mailto:drseemakapoor@gmail.com)

01123239417, 01123221927

**The thrust areas** of the department are, Birth defects, Genetic Hematology, Dysmorphology, IEM, Skeletal Dysplasias, Neurological and muscular disorders, Clinical Genetics, Newborn screening and neurotransmitter disorders.

**Clinical services** provided by the department include comprehensive clinical genetics, Prenatal Diagnosis. Fetal malformation diagnosis, Reproductive genetics, Genetic counseling, Management of genetic disorders,.

**The laboratory facilities** include Cytogenetics, Cell Culture, Molecular Cytogenetics including FISH, Molecular Genetics, Sanger Sequencing, NGS Analysis, Enzyme Assays, Time resolved Fluoroimmuno assay, Tandem Mass Spectrometry and Gas Chromatography. Newborn screening for hemoglobinopathies will be considered.

The fellows will be provided exposure to all are as with training inspecific are as depending on the subject of postgraduation.

Application form is given on the next page.

## Application form for the Fellowship in Genetic Diagnostics

1. **Full Name** (in Block letters) :

(As per SSC / X Class Record)

2. **Gender:**

3. **Date of birth:**

Age:

4. **Qualifications:**

5. **Medical council registration number:**

6. **Present designation:**

7. **Complete address:**

Stick passport size  
photograph

8. **Contact number(s):**

**Email id:**

9. **Educational qualifications** (starting with graduation):

Degree	College/ University	Year of passing	Awards/ distinctions/ honours

10. **Professional experience** (in the chronologically descending order beginning with the current position):

Designation	Hospital/ Institute	Duration	Special experience/ honours if any

11. **Additional academic achievements/ professional activities:**

12. **Number & list of publications** (beginning with the most recent publication, list all publications with the complete reference): Please also attach the list

**13. Mention briefly (in not more than 250 words) your reasons for applying for this fellowship and how you think it would help you in your medical practice:**

Date:

Place:

**Signature of the applicant**

---

**Comment by forwarding authority:**

Director / Principal / Dean of the Institute / Medical College (**Signature and Stamp**)