



**NATIONAL INSTITUTE OF IMMUNOLOGY**  
**(an autonomous research institute)**  
**Aruna Asaf Ali Marg, New Delhi**

Applications are invited from dedicated and trained persons for three positions of Consultant (Level-I), purely on contract basis, for manning the following Central Instrumentation facilities using modern technology:

**1. Flow Cytometric Analysis and Sorting System**

**Job Description:** Operation, maintenance, calibration, and trouble shooting of cell sorters and analyzers. High speed and single-cell sorting (2-way, 4-way, and 96-well plates) and analysis (upto 16 parameters) of from various cells (human, mouse, and primates). Management & scheduling of the Core Facility. Teaching and Training of new users in the use of the Flow Cytometry equipments in the core facility. Assisting users with data analysis options, advising on experimental design and data analysis/interpretation. Preference will be given to candidates with prior experience in operating cell sorters and associated software.

**2. GC/MS -LC/MS System**

**Job Description** - Maintenance and operation of LC/MS & MALDI-TOF machines, training and helping users in experimental design, data acquisition, processing and analyses. Preference will be given to candidates with prior experience in instrument operation and software based analysis.

**3. Dual Wavelength X-Ray Generator**

**Job Description** - Overseeing the operation and maintenance of the X-ray diffraction facilities. Responsibilities involve maintaining dual wavelength rotating-anode X-ray generators, detectors, liquid nitrogen cryosystems and related components. The candidate will also be responsible for aligning the X-ray optics and providing day-to-day maintenance. In addition, the candidate will be required to train users wishing to use the equipment, supervise on data collection as well as data processing. Preference will be given to those possessing experience in macromolecular crystallography.

**Qualifications & Experience:** 1<sup>st</sup> Class M.Sc./M.Tech with 10 years relevant experience OR Ph.D. Preference will be given to candidates possessing experience in handling the equipments.

**Emoluments:** Rs. 51,400/- to Rs. 89,950/- per month depending upon educational qualification and experience.

**Tenure of Engagement:** Initially for one year which can be extended for further period of one year as per the requirements of the Institute.

**How to apply:** Interested candidates may apply along-with attested copies of certificates of academic, professional/technical qualifications, present position and past experience, Caste/PH certificate, if applicable, a recent photograph and a Demand draft of Rs 100/- (SC/ST/PH and Women candidates are exempted from payment of fees) drawn on any bank payable at Delhi/New Delhi in favour of the Director, National Institute of Immunology.

Completed applications in all respects can be sent as per details as under:

S. No.	Name of the Facility	Email Ids for sending applications
1.	Flow Cytometric Analysis and Sorting System	amulya@nii.ac.in
2.	GC/MS -LC/MS System	pushkar@nii.ac.in
3.	Dual Wavelength X-Ray Generator	bbiswal@nii.ac.in

**Format of application:** (1) Sl. No. of the Central Instrumentation facility for which application is being made (2) Full Name of the candidate (in Block Letters) (3) Parent's/Husband's Name (4) Gender (5) Date of Birth & Age (6) Caste (SC/ST/OBC); (7) Whether PH, (Yes/No) (8) Permanent & Correspondence Address (9) E-mail, Fax and Telephone No. (10) Details of Academic & Professional/Technical Qualifications (11) Details of past experience & present employment (12) Present pay/emoluments (13) Names and complete addresses along with E-mail, Fax and Phone No. of three independent responsible persons (not relatives/friends) as referees who can comment on the candidate's suitability and temperament (14) Signature with date.

**Last date for submission of application: 08<sup>th</sup> March, 2021**