



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

इम्यूनोलॉजिस्ट

Immunologists study, diagnose and treat the body's immune system, allergies, asthma and immune disorders. They are either clinicians (MD/DM) or lab-based research scientists (PhD).



Scan for everything on this career

Salary, exams, colleges, the routes in and the steps after — all on the portal.

career.gsssjethantri.in/#/career/immunologist

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

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सुशील कुमार शर्मा

प्रधानाचार्य, रा.उ.मा.वि. जेठन्तरी · मास्टर ट्रेनर
Principal, GSSS Jethantri · Master Trainer



श्री चेनाराम चौधरी

प्रधानाचार्य, डाइट बाड़मेर
Principal, DIET Barmer



श्रीमती संघमित्रा

वरिष्ठ व्याख्याता, डाइट बाड़मेर (सहयोग)
Sr. Lecturer, DIET Barmer (Support)



भरत चौधरी

अभिकल्पना व विकास · व्याख्याता (इतिहास)
Designed & developed · Lecturer (History)

विशेष धन्यवाद · SPECIAL THANKS



सुरेन्द्र सिंह राठौड़

व्याख्याता (इतिहास) · रा.उ.मा.वि. कानाना



सुरेश कुमार सैन

व्याख्याता (भूगोल) · रा.उ.मा.वि. रामसीन मूंगड़ा



वनिता कुमारी

व्याख्याता (इतिहास) · रा.उ.मा.वि. रामसीन मूंगड़ा



कमलेश चौधरी

व्याख्याता (राजनीति विज्ञान) · रा.उ.मा.वि. टापरा

करियर मार्गदर्शन कार्यशाला, डाइट बाड़मेर (14-17 जुलाई 2026) में विकसित व लोकार्पित
Developed & unveiled at the Career Guidance Workshop, DIET Barmer (14-17 July 2026)

यह एक स्वतंत्र परियोजना है, जो सरकार की आधिकारिक करियर-मार्गदर्शन सामग्री पर आधारित है। · An independent project based on the Government's official career-guidance content.

1 About this career

Immunologists study, diagnose and treat the body's immune system, allergies, asthma and immune disorders. They are either clinicians (MD/DM) or lab-based research scientists (PhD).

2 At a glance

Stream	Science (Biology)
Minimum qualification	MBBS+MD/DM or M.Sc/PhD Immunology
Avg Starting Salary	₹6–12 LPA
Key Sector	Medicine & bio-research

3 What you need

INTERESTS

- Deep interest in science and the human body
- Enjoy helping others and caring for patients
- A habit of paying attention to detail

ABILITIES

- Scientific and analytical thinking
- Patience, precision and observation
- Problem-solving and decision-making

KEY SKILLS

- Understanding of the immune system and pathology
- Lab techniques (ELISA, flow cytometry)
- Allergy and diagnostic testing
- Data analysis and research methodology
- Patient diagnosis and treatment management (for clinicians)
- Scientific reporting and research writing

4 How to get there

- 1 Complete Class 10+2 Science (Physics, Chemistry, Biology).
- 2 Clinical route: clear NEET, do MBBS, then MD and DM (Clinical Immunology).
- 3 Research route: pursue B.Sc in Immunology/Microbiology/Biology.
- 4 Specialise with an M.Sc (Immunology/Life Science).
- 5 Clear CSIR-NET/ICMR-JRF and pursue a PhD with research experience.
- 6 Start as a Clinical Immunologist or Research Scientist.

MAIN EXAMS

- NEET-UG (MBBS admission)
- NEET-PG / INI-CET (MD/DM admission)
- CSIR-UGC NET (Life Science)
- ICMR JRF / GAT-B (research admission)

5 Where to study

GOVERNMENT INSTITUTES

- All India Institute of Medical Sciences (AIIMS) — New Delhi (<https://www.aiims.edu/>)
- National Institute of Immunology (NII) — New Delhi (<https://www.nii.res.in/>)
- SGPGIMS — Lucknow, Uttar Pradesh
- University of Rajasthan (Life Sciences) — Jaipur, Rajasthan
- SMS Medical College — Jaipur, Rajasthan
- JIPMER — Puducherry

PRIVATE INSTITUTES

- Suresh Gyan Vihar University (Applied Sciences) — Jaipur, Rajasthan
- Amity University — Noida, Uttar Pradesh
- JAIN (Deemed-to-be University) — Bengaluru, Karnataka

ONLINE

- SWAYAM / NPTEL (इम्यूनोलॉजी) — Online (India)
- Coursera (Immunology) — Online (global)

FEES

About ₹2,000–₹1 lakh/year in government medical/research institutes; ₹1–5 lakh/year in private ones (higher for MBBS/MD). (2026 estimate)

SCHOLARSHIPS

- National Scholarship Portal (NSP) (<https://scholarships.gov.in/>)
- Rajasthan CM Higher Education Scholarship (<https://hte.rajasthan.gov.in/>)
- CSIR-UGC JRF/NET Fellowship (<https://csirnet.nta.ac.in/>)
- INSPIRE Scholarship (DST) (<https://online-inspire.gov.in/>)

6 What the work is like

WHERE YOU WORK

Government and private hospitals, medical colleges, immunology research institutes (NII), pharma and biotech companies, diagnostic labs.

WORK CULTURE

Mainly clinic/hospital-based for clinicians; lab-based for researchers. 6 days a week, 9–10 hours; private practice is also possible.

WHO HIRES

- | | |
|---|--|
| • AIIMS and government medical colleges | • National Institute of Immunology (NII) |
| • Apollo / Fortis Hospitals | • Serum Institute of India |
| • Bharat Biotech | • ICMR research institutes |

DEMAND (2026)

Vaccine development, growing awareness of allergies and autoimmune diseases, and the post-pandemic focus on immunology research are sharply increasing demand for immunologists.

7 Career growth

- 1 Intern / Junior Research Fellow
- 2 Junior Doctor / Clinical Immunologist
- 3 Senior Immunologist / Allergy Specialist

4 Head of Department / Principal Scientist

EARNINGS

Starting	₹6–12 लाख/वर्ष
Mid level	₹12–25 लाख/वर्ष
Senior level	₹25–40 लाख/वर्ष+

Clinicians (MD/DM) earn more than research scientists; substantially higher in private practice and senior roles.

8 The good parts · The challenges

The good parts

- Direct contribution to patients and public health
- Both clinical and research pathways available
- High demand and respectable pay

The challenges

- Very long education path (MBBS+MD+DM/PhD)
- Highly competitive entrance exams
- Long working hours and pressure of responsibility

9 Real-life journeys

Dr. Vineeta Bal

Immunologist, former Scientist – National Institute of Immunology (NII), New Delhi

Dr. Vineeta Bal is a leading Indian immunologist who did extensive research on the immune system and T-cells at the National Institute of Immunology (NII), New Delhi. As a physician-scientist, she has also been a strong advocate for increasing women's participation in science.

Wikipedia · https://en.wikipedia.org/wiki/Vineeta_Bal

Dr. Saibal Moitra

Clinical Immunologist & Allergy Specialist, Kolkata

Dr. Saibal Moitra is an experienced Kolkata-based immunologist and allergy specialist. He completed MBBS from Maulana Azad Medical College, Delhi, an MD in Respiratory Medicine from Vallabhbhai Patel Chest Institute, and advanced training in respiratory allergy at the University of London. He is the medical director of an allergy-asthma treatment centre.

Official website of Prof. Dr. Saibal Moitra · <https://saibalmoitra.in/>

10 Sources & further reading

1. Rajasthan Career Guidance – Immunologist — <https://cg.rajasthan.gov.in/careerguidance/>
2. National Institute of Immunology (NII) — <https://www.nii.res.in/>
3. NEET (National Eligibility Entrance Test) — <https://neet.nta.nic.in/>
4. Indian Council of Medical Research (ICMR) — <https://www.icmr.gov.in/>



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