

CURRICULUM VITAE

- **Name- Dr Jyoti Singh**
- **Designation- Scientist-B (Medical)**
- **Discipline/research area-**
 1. Medical Biochemistry
 2. Molecular Biology
 3. Technological Innovation in diagnostics
 4. Machine learning and Artificial Intelligence
 5. Medical Sociology
- **ORCID ID- <https://orcid.org/0000-0002-2435-3439>**
- **Address (off.)-** Room no. 306, National Institute of Pathology, Safdarjung Hospital campus, New Delhi-110029
- **Email address- drjyotisingh12@gmail.com, jyoti.rt@icmr.gov.in**
- **Educational Qualifications-**
 1. MD (Biochemistry)
 2. MBBS
- **Research Experience**
 1. "Adaptation of Bradford method for measurement of S.Total Protein", 2020.
 2. Deputed Biochemist and core member of the team of technical experts for Seroprevalence of Anti SARS CoV-2 (COVID-19) IgG Antibody testing of Andaman and Nicobar Islands, 24th August 2020 to 30th September 2020 - an administrative study covering entire Andaman and Nicobar Islands during COVID-19 pandemic.
 3. "Association of Vitamin D receptor gene (FokI) polymorphism and Vitamin D status with Insulin Resistance in women with PCOS", April 2014.
 4. "Leptin Resistance & Role of Leptin in Insulin Resistance in women with PCOS", 2014.
 5. "Role of Inhibin in pathogenesis of PCOS", 2014.

- **Awards**
 1. **2nd prize** in Poster presentation “Role of Vitamin D levels in Insulin Resistance in women with Polycystic Ovary Syndrome“ in AMBI, September 2014.
 2. **3rd prize** in Poster Presentation “Association of VDR gene (FokI) polymorphism and Vitamin D status with Insulin Resistance in women with Polycystic Ovary Syndrome” in AMBI November 2018.
 3. **Consolation prize** in Oral presentation “Role of leptin levels in Insulin Resistance in women with Polycystic Ovary Syndrome” in ACBI, March 2015.

- **Membership/Fellowship of Professional Societies/Associations :**
 1. **ACBI**
 2. **AMBI**

- **Publications**

International- 1

- **10 best publications-**
 1. Tilak, Jyoti & Jain, Anju & Wadhwa, Nishtha & Tilak, H.R. & Ahirwar, Ashok. (2022). The study of the role of insulin resistance as etiological factor in polycystic ovarian syndrome: a case control study. *Advances in Laboratory Medicine / Avances en Medicina de Laboratorio*. 3. 10.1515/almed-2021-0098.