

# PROF. SAMEER BAKHSHI

Professor and Head, Department of Medical Oncology  
Dr. B.R.A. Institute Rotary Cancer Hospital, AIIMS, New Delhi 110029



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## Education and Training

- **MBBS** — JIPMER, Puducherry (1992); Adjudged Best Outgoing Student
- **MD** — AIIMS, New Delhi (1995)
- **Fellowship in Hematology and Oncology** — Wayne State University, Detroit, USA (2002)

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## CURRENT AND KEY POSITIONS

- **Professor and Head**, Department of Medical Oncology, Dr. BRA IRCH, AIIMS, New Delhi (July 2024 – present)
- **Professor**, Department of Medical Oncology, AIIMS, New Delhi (2013 – 2023)
- Faculty at AIIMS, New Delhi since 2002
- Member, Clinical Research Unit, AIIMS
- Expert member, Subject Expert Committee (Oncology), Drug Controller General of India (DCGI)
- Former Member Secretary and Current member, AIIMS Institute Ethics Committee
- Chairperson, Ethics Committee, University of Delhi

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## FELLOWSHIPS AND PROFESSIONAL MEMBERSHIPS

- Fellow, Indian National Science Academy (INSA), 2022
- Fellow, Indian Academy of Sciences (IASc), 2024
- Fellow, National Academy of Medical Sciences (NAMS), 2020
- Fellow, National Academy of Sciences, India (NASI), 2018
- Member, American Society of Clinical Oncology (ASCO); International Society of Pediatric Oncology (SIOP); Indian Society of Medical and Pediatric Oncology; Indian Society of Hematology and Transfusion Medicine; Indian Academy of Pediatrics

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## SELECTED HONOURS AND AWARDS

- Sun Pharma Science Foundation Research Award in Medical Sciences – Clinical Research (2022)
- AIIMS Excellence Research Award (multiple years: 2012, 2013, 2016, 2017, 2018, 2020, 2022)
- AIIMS Oncology Research Award (2019, 2021, 2022)
- Atal Swasthya Bhushan Samman (2019) for extraordinary services to the profession
- Dr. I.C. Verma Excellence Award for Young Pediatricians (2016)
- Cankids Gold Hero Award (2016) for promoting collaborative research under InPOG
- Melissa Ann Memorial Oration Award, Wayne State University, USA (2017)
- Bharat Jyoti Award (2009); Dr. M.L. Wig Gold Medal, AIIMS (1995); NNF Gold Medal (1994)

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## PRINCIPAL AREAS OF RESEARCH

- **Pragmatic, cost-effective care models:** Outpatient management of febrile neutropenia and select intensive chemotherapy protocols; tele-oncology integration.
- **Health disparities in childhood cancer:** Landmark multicentre study (>24,000 children) on sex-based disparities in pediatric cancer care in India; social determinants and treatment abandonment.
- **Antiemetic therapy in pediatric oncology:** First randomized trials establishing olanzapine, aprepitant, and ginger in children receiving highly emetogenic chemotherapy.
- **Metronomic and repurposed chemotherapy:** First randomized controlled trial of oral metronomic therapy in refractory pediatric solid tumors.
- **Imaging in pediatric malignancies and Sarcomas:** Prospective studies defining the role of PET-CT in pediatric Hodgkin lymphoma, non-Hodgkin lymphoma, and retinoblastoma. Developed a new AI based algorithm for differentiating lung metastases from infection
- **Mitochondrial biology in AML:** Laboratory work on mitochondrial DNA mutations, oxidative phosphorylation, and mitophagy as prognostic markers in acute myeloid leukemia.

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## PUBLICATION RECORD

- **561 publications** indexed in PubMed (247 as first or corresponding author)
- 308 full original research papers; 36 scientific reviews; 17 short research papers; 200 other publications
- **Google Scholar (as on 28<sup>th</sup> May 2026):** Citations 11,139 | h-index 50 | i10-index 298
- Selected publications in *Lancet Oncology*, *Journal of Clinical Oncology*, *JAMA Oncology*, *Radiology*, *Journal of Nuclear Medicine*, *Ophthalmology*, *British Journal of Haematology*, and *EClinicalMedicine*.
- **Google Scholar profile:** <https://scholar.google.com/citations?user=f4ukwicAAAAJ&hl=en>