

Dr. Supriya Mallick, MD, DNB

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Qualification

2001-2006 MBBS, Calcutta Medical College, Calcutta, India
2006-2007 One year rotating Internship, Calcutta Medical College, Calcutta, India
2008-2011 Three year junior residency in radiotherapy, All India Institute of Medical Sciences, New Delhi, India.
2011 MD, Radiotherapy, All India Institute of Medical Sciences, New Delhi, India.
2011-2014 Three year senior residency in Radiotherapy, All India Institute of Medical Sciences, New Delhi, India
2014 DNB, Radiotherapy, National board of Examination
2014 August- Present- Senior Research Associate, All India Institute of Medical Sciences, New Delhi, India.

Member of Scientific Organizations

- 1) American Society for Therapeutic Radiology and Oncology (ASTRO).
- 2) Association of Radiation Oncologists of India, (AROI)-LM-1309.
- 3) Indian Society of Oncology (ISO) - LM- S-267
- 4) European Society for Therapeutic Radiology and Oncology ESTRO

Awards

National Scholarship for Class X, 1999
ESMO 2010 travel grant award
ECCO 2011 scholarship award
ICMR travel grant 2012 award

MD Thesis

Title: Study of treatment outcome with concurrent chemoradiotherapy with Temozolomide in Glioblastoma and molecular basis of resistance based on EGFR and PTEN.

Guide: Prof. P K Julka, Prof C Sarkar, Prof G K Rath, Dr D N Sharma.

Received ICMR thesis grant in 2008

Work experience

Worked On	Experienced in	Special Interests
Pinnacle v 8.0 Eclipse v 6.5 Plato- Sunrise Oncentra Tomocon I-plan Ergo Plus Plus Monaco, Xio	<ul style="list-style-type: none">• 2D Conventional planning, 3DCRT, IMRT, IGIMRT, SRT, SBRT, TSET, Gamma Knife, VMAT• Brachytherapy- Free hand, Template	<ul style="list-style-type: none">• Neuro-Oncology• H&N Brachytherapy• IGIMRT, SBRT• Altered fractionation

Publication in Pubmed Indexed Journal-

- 1) Genome-wide small noncoding RNA profiling of pediatric high-grade gliomas reveals deregulation of several miRNAs, identifies downregulation of snoRNA cluster HBII-52 and delineates H3F3A and TP53 mutant-specific miRNAs and snoRNAs. Jha P¹, Agrawal R¹, Pathak P², Kumar A², Purkait S², Mallik S³, Suri V², Chand Sharma M², Gupta D⁴, Suri A⁴, Sharma BS⁴, Julka PK³, Kulshreshtha R¹, Sarkar C². *Int J Cancer*. 2015 May 20. doi: 10.1002/ijc.29610.
- 2) MGMT gene promoter methylation in pediatric glioblastomas. Srivastava A, Jain A, Jha P, Suri V, Sharma MC, Mallick S, Puri T, Gupta DK, Gupta A, Sarkar C. *Childs Nerv Syst*. 2010 Nov;26(11):1613-8
- 3) Extraventricular neurocytomas: a morphological and histogenetic consideration. A study of six cases. Agarwal S, Sharma MC, Sarkar C, Suri V, Jain A, Sharma MS, Ailawadhi P, Garg A, Mallick S. *Pathology*. 2011 Jun; 43(4):327-34.
- 4) A study of clinico pathological parameters and O6 – methylguanine DNA methyltransferase (MGMT) promoter methylation status in the prognostication of gliosarcoma *Neuropathology*, 2012; epub ahead of publication Singh G, Mallick S, Sharma V, Joshi N, Purkait S, Jha P, Sharma MC, Suri V, Julka PK, Mahapatra AK, Singh M, Kale SS, Sarkar C,

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- 5) Postoperative treatment of glioblastoma multiforme with radiation therapy plus concomitant and adjuvant temozolomide: A mono-institutional experience of 215 patients. Julka P K, Sharma D N, Mallick S et al. *J Cancer Res Ther.* 2013 Jul-Sep;9(3):381-6.
- 6) Meningeal Hemangiopericytomas – a clinicopathological study with emphasis on MGMT (O6– methylguanine-DNA methyltransferase) Promoter Methylation status. Kakkar A, Kumar A, Jha P, Goyal N, Mallick S, Sharma MC, Suri A, Singh M, Kale SS, Julka PK, Sarkar C, Suri V. *Neuropathology.* 2014;34(4):333-42.
- 7) Oncogenic KIAA1549-BRAF fusion with activation of the MAPK/ERK pathway in pediatric oligodendrogliomas. Kumar A, Pathak P, Purkait S, Faruq M, Jha P, Mallick S, Suri V, Sharma MC, Suri A, Sarkar C. *Cancer Genet.* 2015 Mar;208(3):91-5.
- 8) Treatment outcome and patterns of failure in patients of non-pineal supratentorial primitive neuroectodermal tumor: review of literature and clinical experience from a regional cancer center in north India. Biswas A, Mallick S, Purkait S, Roy S, Sarkar C, Bakhshi S, Singh M, Julka PK, Rath GK. *Acta Neurochir (Wien).* 2015 May 20. [Epub ahead of print]
- 9) Paediatric Glioblastoma treated with adjuvant chemo-radiation using temozolomide – A Single Institutional Experience. Mallick S et al., *IJMPO.*
- 10) Treatment outcome and patterns of failure in patients of pinealoblastoma: review of literature and clinical experience from a regional cancer centre in north India. Biswas A, Mallick S, Purkait S, Gandhi A, Sarkar C, Singh M, Julka PK, Rath GK. *Childs Nerv Syst.* 2015 Jun 4.

Head & Neck Oncology

- 11) **Modern chemoradiation practices for malignant tumors of the trachea: An institutional experience.** Joshi N, Mallick S, Haresh KP, Gandhi A, Prabhakar R, Laviraj MA, Sharma DN, Julka PK, Rath GK. *Indian J Cancer.* 2014 July-September;51(3):241-244.
- 12) Re-irradiation in head and cancer: An Indian tertiary cancer centre experience. Mallick S, Gandhi AK, Joshi NP, Pandit S, Bhasker S, Sharma A, Thakkar A, Mohanti BK. *J Laryngol Otol.* 2014 Nov;128(11):996-1002.
- 13) Conformal radiotherapy for locally advanced juvenile nasopharyngeal angio-fibroma. **Mallick S**, Benson R, Bhasker S, Mohanti BK. *J Cancer Res Ther.* 2015 Jan-Mar;11(1):73-7
- 14) Adenoid cystic carcinoma sphenoid sinus with intracranial extension treated by radical radiotherapy – A rare case. Giridhar P, **Mallick S**, Laviraj MA, Bhasker S. *Eur Arch Otorhinolaryngol.* 2015 Apr;272(4):1037-40.
- 15) Hematologic Toxicity in Patients Undergoing Radical Anti- cancer Therapy: A Cross-Sectional Analysis of Patients in an Oncology Ward in India. Roy S, **Mallick S**, Raza MW, Haresh KP, Gupta S, Sharma DN, Julka PK, Rath GK. *Asian Pac J Cancer Prev.* 2014; 15(8):3587-92.
- 16) Radiation induced lung injury: prediction, assessment and management. Giridhar P, **Mallick S**, Rath GK, Julka PK. *Asian Pac J Cancer Prev.* 2015;16(7):2613-7
- 17) Outcome of primary orbital lymphoma treated with induction chemotherapy followed by conformal radiotherapy. **Mallick S**, Das S, Benson R, Roshan V, Bhasker S. *J Egypt Natl Canc Inst.* 2015. Apr 29. pii: S1110-0362(15)00034-5. doi: 10.1016/j.jnci.2015.04.003. [Epub ahead of print].
- 18) Esthesioneuroblastoma with large intracranial extension treated with Induction chemotherapy, de-bulking surgery and image guided intensity modulated radiotherapy. Prashanth G, **Mallick S** et al. *Eur Arch Otorhinolaryngol.* 2015 Jun 4. [Epub ahead of print] PMID:26041440
- 19) Pediatric Head and neck Squamous cell carcinoma: report of 12 cases and illustrated review of literature. Bhanu Prasad V, **Mallick S** et al. *IJPORL*, 2015.

Chapter in Book

1. Ramesh Bilimagga , Vijay AP Reddy , G K Rath , Supriya Mallick , Chanchal Goswami , Rakesh Jalali. Future strategies in Radiation Therapy of Breast Cancer

Reviewer of International journal

- 1) World journal of Surgical Oncology
- 2) Technology in Cancer Research & Treatment

Teaching Experience

- 1) Involved in Post graduate teaching in department of Radiotherapy, All India institute of Medical Sciences, New Delhi from 2011-2014.
- 2) Involved in BSc Nursing teaching in All India institute of Medical Sciences, New Delhi from 2011-2014