

Curriculum Vitae

Name : **Dr Avninder P Singh**
Date of Birth : 16th April, 1969
Designation : Scientist-D & Asst Director
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Educational Qualifications : **MBBS, MD(Path)**

Degree	Institute	Year	Remarks
MBBS	Gandhi Medical College, Hyderabad	1994	60.1%
MD (Path)	Gandhi Medical College, Hyderabad	2000	1 st attempt

Details of Employment

Post	Duration	Institution
Scientist-D	1 st September -till date	National Inst of Pathology-ICMR
Scientist-C	Aug 2007 –Aug 2011	Institute of Pathology-ICMR
Scientist -B	16 th Aug 2002-2007	Institute of Pathology-ICMR
Staff Pathologist	8 June 2001-15Aug 2002	Kailash Hospital, NOIDA

Areas of Interest

Histopathology
Dermatopathology
Oncopathology
Neuropathology

Memberships

Life member, Indian Ass Pathologists & Microbiologists
Life member, Dermatopathology society of India
Life member, International Union against Cancer (UICC)
Associate member, Neurological society of India

AWARDS

Awarded the endowment prize for best outgoing postgraduate in Pathology, GMC, Hyderabad (University of health sciences, AP) - year 2000.

Fellowships and Training

1. **International Union Against Cancer (UICC)-ICRETT Technology transfer fellowship** at Tissue Array Research Program, National Cancer Institute, NIH, Bethesda, USA-20th Aug-20th Sep, 2007

2. **Indo-US Research Fellowship (IUSSTF-DST)** at Advanced Technology Center, Center for Cancer Research, NCI/NIH, Gaithersburg, MD, USA from Aug 1, 2008-Oct 31, 2008

3. Short-term **Training in Neuropathology** at Neuropathology lab, Department of Pathology, AIIMS, New Delhi-15 July-14th Oct, 2003

4. Internet and biomedical information retrieval at National Informatics Center, New Delhi- 3-5th July 2003

Reviewer for Journals

1. Journal of Postgraduate Medicine
2. Indian Journal of Pathology and Microbiology
3. International Journal Gastrointestinal Cancer
4. Pathology Oncology Research
5. Indian Journal of Cancer
6. Indian Journal of Dermatology, Venereology & Leprology
7. J Cancer Research & Therapeutics
8. World Journal of Surgical Oncology
9. Indian J Dermatology

Guide for PhD dissertation and co-guide for dissertations for 12 (DNB) postgraduate students in pathology and dermatology 2007-2013 and 2 PhD students

CHAPTER IN BOOK

Singh A, Weng X, Nath I. Skin biopsy in leprosy. In: *SKIN BIOPSY PERSPECTIVES*, In-Tech Publishers, Germany, 2011; 5: pp 73-86

PUBLICATIONS

66. **Singh A**, Ramesh V, Ramam V. Histopathological characteristics in post kala-azar dermal leishmaniasis : a series of 88 cases. **J Cutan Pathol** 2014 (In Press)
65. Sipayya V, **Singh A**, Ramesh V. Myxoinflammatory fibroblastic sarcoma presenting as popliteal fossa nodules. **Indian J Dermatol** 2014 (In Press)
64. Mallya V, Siraj F, Sharma KC, **Singh A**. Giant cell glioblastoma with calcification and long-term survival. **Indian J Cancer** 2014 (In Press)
63. Kandhari R, Ramesh V, **Singh A**. A generalized non-pruritic variant of lichen amyloidosis: a case report and brief literature review. **Indian J Dermatol** 2013; 58:328
62. Chugh S, Sarkar R, Garg VK, **Singh A**, Keisham C. Multifocal fixed drug eruption with Cox-2 inhibitor-Celecoxib. **Indian J Dermatol** 2013; 58:142-44
61. Gupta J, Kandhari R, Ramesh V, **Singh A**. Glomeruloid hemangioma in normal individuals. **Indian J Dermatol** 2013; 58:160-62
60. Kandhari R, Ramesh V, **Singh A**. Asymptomatic conchal papules. **Indian J Dermatol Venereol Leprol** 2013; 79: 445-47
59. **Singh A**, Ramesh V. Histopathological features in leprosy, Post kala azar dermal leishmaniasis and cutaneous leishmaniasis. **Indian J Dermatol Venereol Leprol** 2013; 79:360-66
58. Kathuria S, Capoor MR, Yadav S, **Singh A**, Ramesh V. Disseminated histoplasmosis in an apparently immunocompetent individual from North India: a case report and review. **Med Mycol** 2013; 51(7):774-78
57. Mallya V, **Singh A**, Pahwa M. Lethal midline granuloma. **Indian Dermatology Online J** 2013; 4(1) 37-39

56. Sipayya V, Sharma I, Sharma KC, **Singh A**. Immunohistochemical expression of IDH1 in gliomas: a tissue microarray based approach. **J Cancer Ther** 2012; **8:71-74**
55. Sharma DK, Manral A, Saini V, **Singh A**, Srinivasan BP, Tiwari M. Novel diallyldisulfide analogs ameliorate cardiovascular remodeling in rats with L-NAME-induced hypertension. **Eur J Pharmacol** 2012;**691:198-208**
54. Kandhari R, Khunger N, **Singh A**. Flagellate pigmentation and exacerbation of melasma following Chikungunya fever: a less frequently reported finding. **Indian J Dermatol Venereol leprol** 2012;**78:774-75**
53. Bihagi SW, **Singh AP**, Tiwari M. Supplementation of *convolvulus pluricaulis* attenuates scopolamine-induced increase in tau and amyloid precursor protein (A β PP) expression in rat brain. **Ind J Pharmacol** 2012;**44(5): 593-98**
52. Katara GK, Ansari NA, **Singh A**, Ramesh V, Salotra P. evidence for involvement of Th 17 type responses in post kala azar dermal leishmaniasis. **PloS Negl Trop Dis** 2012; **6(6):e1703**
51. Puri P, RameshV, **Singh A**, Muralidhar S, Capoor MR. Facial eruption in a human immunodeficiency virus (HIV) seropositive patient: *Penicillium marneffe* as a manifestation of immune restoration disease. **Int J Dermatol** 2012;**51:777-779**
50. **Singh A**, Mishra AK, Ylaya K, Hewitt SM, Sharma KC, Saxena S. Wilms tumor-1, Claudin-1 and Ezrin are useful immunohistochemical markers that help to distinguish schwannoma from fibroblastic meningioma. **Pathol Oncol Research** 2012;**18:383-389**
49. Bihagi SW, **Singh AP**, Tiwari M. *In-vivo* investigation of the neuroprotective property of *Convolvulus pluraicaulis* in scopolamine-induced cognitive impairments in Wistar rats. **Indian J Pharamacol** 2011; **43:520-25**
48. Ramesh V, **Singh A**, Pahwa M, Capoor M. A recalcitrant facial plaque: fixed cutaneous sporotrichosis. **Int J Dermatol** 2011; **50: 367-68**
47. Capoor MR, Ramesh V, Khanna G, **Singh A**, Aggarwal P. Sporotrichosis in Delhi among migrant population from Uttarakhand, India. **Trop Doct** 2011; **41: 46-48**
46. Malhotra P, Arora D, **Singh A**. Squamous cell carcinoma, syringocystedenum papilliferum and apocrine adenoma arising in a nevus sebaceous of Jadsohn. **Indian J Pathol Microbiol** 2011; **54:225-26**
45. Jairajpuri Z, Jain I, **Singh A**. Papillary meningioma: a rare malignant variant. **Indian J Pathol Microbiol** 2011; **54: 410-11**

44. Puri P, **Singh A**, Ramesh V. Facial nodule in a 34-year-old man. **Indian J Dermatol** 2011; 56:230-31
43. Malhotra A, **Singh A**, Ramesh V. Basal cell carcinoma in the North Indian population: Clinicopathologic review and immunohistochemical analysis. **Indian J Dermatol Venereol Leprol** 2011; 77(3): 328-30
42. **Singh A**, Mishra A, Hewitt SM, Sharma KC, Saxena S. Identification of immunohistochemical markers that differentiate fibroblastic meningioma from schwannoma: a tissue microarray based approach.(abstract). **Brain Pathol** 2010; 20: 67
41. Malhotra P, Walia H, **Singh A**, Ramesh V. Leiomyoma cutis: a clinicopathological series of 37 cases. **Indian J Dermatol** 2010; 54(4): 337-341
40. Sarkar R, Puri P, Jain RK, **Singh A**, Desai A. Melasma in men: a clinical, aetiological and histological study. **J Eur Acad Dermatol Venereol** 2010; 24(7): 768-772
39. Chattopadhyay I, **Singh A**, Phukan R, Kataki A, Mahanta J, Saxena S, Kapur S. Genome wide analysis of chromosomal alterations in patients with esophageal squamous cell carcinoma exposed to tobacco and betel quid from high-risk area in India. **Mutat Res** 2010; 696(2): 130-138
38. **Singh A**, Malhotra P, Chand K. Massive cerebral blastomycoma from a non-endemic region diagnosed on squash smear cytology. **Acta Cytol** 2010; 54(3): 364-366
37. **Singh A**, Ramesh V. Primary cutaneous adenoid cystic carcinoma with distant metastasis: a case report and review of literature. **Ind J Dermatol Venereol Leprol** 2010;76(2): 176-79
36. Bihari SW, Sharma M, **Singh AP**, Tiwari M. Neuroprotective role of *Convolvulus pluricaulis* on aluminium induced neurotoxicity in rat brain. **J Ethnopharmacol** 2009; 124(3): 409-15
35. **Singh A**, Vermani S, Shruti S. Choroid plexus carcinoma: report of two cases. **Ind J Pathol Microbiol** 2009; 52(3): 405-407
34. Sarvjit V, Sharma S, Mishra S, **Singh A**. Melasma: a clinicopathological study of 43 cases. **Ind J Pathol Microbiol** 2009;52(3):357-59
33. **Singh A**, Kapur S, Chattopadhyay I, Purkayastha J, Sharma J, Mishra A, et al. Cytokeratin immunoexpression in esophageal squamous cell carcinoma of High-risk population in Northeast India. **Appl Immunohistochem Mol Morphol** 2009;17(5):419-424

32. Chattopadhyay I, Phukan R, **Singh A**, Vasudevan M, Purkayastha J, Sharma J et al. Molecular profiling to identify molecular mechanism in esophageal cancer with familial clustering. *Oncol Reports* 2009; 21: 1135-1146
31. Malhotra P, **Singh A**, Ramesh V. Syringocystadenoma papilliferum in the thigh. *Ind J Dermatol Venereol Leprol* 2009;75(2):170-172
30. **Singh A**, Ylaya K, Hewitt SM. Tissue microarray: a simple technology that has revolutionized research in pathology. *J Postgrad Med* 2008; 54(2) 158-162
29. Pahwa M, Kar R, **Singh A**, Goel A, Ramesh V, Jain R. Chanarin-Dorfman syndrome with eccrine gland vacuolation: a case report. *Int J Dermatol* 2008; 47(12): 1257-59
28. **Singh A**, Jairajpuri Z, Gupta V, Sharma S, Sharma KC. Atypical teratoid/rhabdoid tumor of the central nervous system associated with congenital cataract. *Ind J Pathol Microbiol* 2008; 51(3): 389-91
27. Ramesh V, **Singh A**. Endogenous ochronosis with a predominant acrokeratoelastoidosis-like presentation. *Int J Dermatol* 2008; 47(8); 873-875
26. **Singh A**, Gupta V, Sharma KC. Lymphoplasmacyte-rich meningioma at the foramen magnum. *Brit J Neurosurg* 2008; 22(5): 702-704
25. **Singh A**, Gupta V, Chand K. Malignant transformation in neurocutaneous melanosis masquerading as intracerebral hematoma. *Int J Ped Neonatol* 2008; 8:2
24. **Singh A**, Kumar J, Kapur S, Ramesh V. Subcutaneous panniculitis-like T-cell cutaneous lymphoma. *Indian J Dermatol Venereol Leprol*. 2008 Mar-Apr;74(2):151-3.
23. Sharma KC, Gupta V, Singh H, Mishra V, Mittal MK, Muraka M, **Singh A**, Jha D. Giant Cervical Lipoma with Cervicomedullary Epidural Extension. *Pediatr Neurosurg*. 2008 Mar 27;44(3):258-260
22. Kumar R, Ansari NA, **Singh A**, Ramesh V, Salotra P. Cutaneous leishmaniasis in Nepal: Leishmania major as a cause. *Trans R Soc Trop Med Hyg*. 2008 Feb; 102(2): 202-3.
21. **Singh A**, Sharma S, Vermani S, Khunger N. Subcutaneous fat necrosis of the newborn. *Indian J Pathol Microbiol*. 2007 Oct; 50(4): 849-50.
20. **Singh A**, Sharma S, Vermani S. Hypophyseal tuberculoma masquerading as pituitary adenoma. *Indian J Pathol Microbiol*. 2007 Oct; 50(4): 847-8.
19. **Singh A**, Sharma S, Sarvjot V. Inoculation leprosy developing after tattooing. *Indian J Pathol Microbiol*. 2007 Oct; 50(4): 841-2.

18. Ramesh V, Jain RK, **Singh A**. Great auricular nerve involvement in leprosy: Scope for misdiagnosis. *J Postgrad Med*. 2007 Oct-Dec; 53(4): 253-4.

17. **Singh A**, Ramesh V, Vermani S. Benign nerve sheath myxoma (myxoid neurothekeoma) in the leg.
Dermatol Online J. 2007 May 1;13(2):14.

16. **Singh A**, Ramesh V. A solitary red nodule on the chest of an 81-year-old man.
Clin Exp Dermatol. 2008 Jan; 33(1): 77-8.

15. **Singh A**, Chand K, Singh H, Sarkar C, Sharma MC. Atypical Neurocytoma of the Spinal Cord in a young child.
Childs Nerv Syst. 2007; 23(2): 207-213.

14. **Singh A**, Vermani S, Shruti S, Chand K. Papillary meningioma: a rare but distinct variant of malignant meningioma.
Diag Pathol 2007 Jan 19; 2:3

13. **Singh A**, Ramesh V. A patch of alopecia in a 70-year-old woman
Clin Exp Dermatol 2007;(32 (3): 229-230

12. **Singh A**, Sharma S, Verma S, Khanna A. Malignant nodular hidradenoma with angiolymphatic invasion. *Ind J Pathol Microbiol* 2007; 50:548-49

11. **Singh A**, Sharma MC, Deb P, Mehta VS, Karak AK, Mahapatra AK, Sarkar C. Gemistocytic astrocytomas: histomorphology, proliferative potential and genetic alterations-a study of 32 cases.
J Neuro-oncol. 2006 Jun; 78(2): 123-7. Epub 2006 Apr 14

10. **Singh A**, Rakheja D, Bhatnagar A. Clear cell odontogenic carcinoma: a diagnostic and therapeutic dilemma.
World J Surg Oncol 2006; 4(1): 91

9. **Singh A**, Saxena S. Infiltrating ductal carcinoma of the breast, metastatic to axillary lymph nodes harboring primary tuberculous lymphadenitis.
Pathol Oncol Res. 2006; 12(3): 188-9.

8. Awasthy N, Chand K, **Singh A**. Gigantic intracranial hydatid cysts: an unusual case report *J Ped Neurol* 2006:4(2): 115-119

7. **Singh A**, Bhatnagar A, Agrawal U, Saxena S. Isolated splenic metastasis from colorectal mucinous carcinoma. *Int J Gastrointes Cancer* 2006; 37:98-101

6. Awasthy N, Chand K, **Singh A**. Brain abscesses with pemphigus vulgaris: a rare association.
Dermatol Online J. 2005 Dec 1; 11(3): 35.

5. **Singh A**, Chand K. Lipomatous metaplasia occurring within meningiomas--two case reports.

Indian J Pathol Microbiol. 2005 Oct; 48(4): 477-8.

4. Burra UK, **Singh A**, Saxena S. Eccrine porocarcinoma (malignant eccrine poroma): a case report.

Dermatol Online J. 2005 Aug 1; 11(2): 17.

3. **Singh A**, Mishra S. Clear cell syringoma--association with diabetes mellitus.

Indian J Pathol Microbiol. 2005 Jul; 48(3): 356-7.

2. **Singh A**, Sharma KC. Recent advances in the Molecular Genetics of Gliomas.

Neurosciences Today 2004; 2:60-63

1. Kaur J, **Singh A**. Polyunsaturated fatty acids and colon cancer prevention: an overview with special reference to fish oils. *Gastroenterology Today* 2004;8(4): 174-176