

1. Name & Designation : **Dr. Daisy Sahni,** (PhD, FAMS, FAMS, FASI)
Professor & Head

2. Educational qualification
(after Postgraduation)

Examination passed	Year of passing	No. of attempts	University/Institution
Ph.D	1986	1st	Department of Anatomy PGIMER Chandigarh
Post Doctoral Fellow	1987-1990	1st	Research Associate Indian Council of Medical Research (ICMR) Department of Anatomy, PGIMER, Chandigarh
Pool Officer	1990-1992	1st	Central Scientific Industrial Research (CSIR) Department of Anatomy, PGIMER, Chandigarh

Experience after postgraduation

Posts held	Period		Total Period			Employer's address
	From	To	Years	Months	Days	
Prof & Head Dept. of Anatomy (Permanent)	Aug 2008	June 2022	14		-	Director, PGIMER, Chandigarh
Additional Prof. Dept. of Anatomy (Permanent)	July 2002	July 2008	6	4	-	Director, PGIMER, Chandigarh
Associate Prof. Dept. of Anatomy	July 1998	June 2002	4	-	-	Director, PGIMER, Chandigarh

(Permanent)						
Assistant Prof Dept. of Anatomy (Permanent)	Oct 1993	June 1998	4	9	-	Director, PGIMER, Chandigarh
Senior Demonstrator Dept. of Anatomy (Temporary)	Jan 1993	Sept 1993	-	9	-	Director, PGIMER, Chandigarh
Senior Lecturer Dept. of Anatomy (Temporary)	Oct 1992	Dec 1992	-	3	-	BRS Dental College, Kot Billa, Panchkula
Pool Officer Dept. of Anatomy (Temporary)	July 1990	Sept 1992	2	3	-	CSIR, Director PGIMER, Chandigarh
Research Associate Dept. of Anatomy (Temporary)	April 1987	June 1990	3	3	-	ICMR, Director PGIMER, Chandigarh

Additional Qualifications

- Fellow of National Academy of Medical Science India(FAMS) - 2015
- Fellow of Anatomical Society of India (FASI) - 2020
- President of Anatomical Society of India – 2014-2015
- President of North State Chapter of Anatomical Society of India -2013-14
- President of North Chapter of Anatomical Society (NCAS) – 2021-22
- Member editorial board –
 - Clinical anatomy
 - Translational research in anatomy
 - North State Journal of Anatomy
 - Nominated member of the International Federation of Association of Anatomists (IFAA) Federation International Programme for Anatomists Terminologies (FIPAT)
 - Member of National Advisory Board of JPMER

Membership of scientific societies

- Member of National Academy of Medical Sciences, India (MAMS) 1992.
- Life member of Anatomical Society of India.
- Life member of International Association for craniofacial identification.
- Life member of International Society for Heart Research (ISHR) of Indian section.

- Life member of The Indian Science Congress Association.
- Life member of NCAS

5. Prizes, Medals & National and International awards– 20 (As main and Co-author)

1. Awarded the best scientific paper award at XVIII All India Forensic Science Conference held at Kolkata, from Nov- 16th -18th , 2007.
2. Received first prize in Hindi competition held on 19-9-2003 in PGIMER, Chandigarh
3. A medal was awarded in 1988 for the best paper published by residents of PGIMER, Chandigarh
4. Gave a talk on 'Body Donation' at Lifeline, All India Radio, Chandigarh.

As Co-author

1. Dr. Manju Naresh memorial Gold Medal Award for best poster presented at 66th National Conference of Anatomical Society of India held at AIIMS, Rishikesh from November 11-14, 2018
2. "Dr. Inderjit Dewan Memorial Award for poster" presented at 65th National Conference of Anatomical Society of India held at Raipur 2017
3. Received two appreciation awards on annual research day for papers published
4. Dr. Manju Naresh memorial Gold Medal Award for best poster entitled "Comparison of histological changes in aging and osteoarthritis knee human menisci" presented at 65th National Conference of Anatomical Society of India held at Raipur 2017
5. "Dr. P.N. Dubey Memorial Gold Medal" at 64th NATCON, held at Jodhpur in November, 2016
6. "Dr. Mahdi Hasan Memorial Gold Medal" at 64th NATCON, held at Jodhpur in November, 2016
7. "Satyanarayan Memorial Award" at NSCASI, held at Agroha in 2016
8. High quality Reserch at PGIMER, Chandigarh, 2016
9. Dr. Manju Naresh Memorial gold award for best poster presented on Microanatomy at 63rd NATCON held at Lucknow in Nov 2015
10. Junior Consultant award for best paper presentation at the Laryngology Summit 2015 at 1st SAARC conference & 4th Annual conference of Laryngology and Voice association held at Apollo Gleneagles Hospitals, Kolkata in Aug 2015

11. Awarded Dr. Raikrushna Mohanthi Memorial Gold Award at 61st National Conference of Anatomical Society of India (NATCON-62), 2014
12. Awarded best paper presentation under Mukut Saharia category during 37th Annual conference of The Association of Otolaryngologists of India (Delhi State Branch and North Zone, AOICON) scientific sessions, 2014
13. Awarded Dr. Raikrushna Mohanthi Memorial Gold Award at 61st National Conference of Anatomical Society of India (NATCON-61), 2013
14. Best paper (platform presentation) (1st prize) at Congress of SAARC association of Anesthesiologists, 2011
15. Isha Narayani best poster Award for at ISACON-2010, 58th Annual Conference of Indian Society of Anesthesiologists, 2010
16. Kopp's Award for the best paper presentation at ISACON-2009, 57th Annual Conference of Indian Society of Anesthesiologists, 2009

6. Participation in National and Internal Symposia/Seminar/Workshops/Conferences

1. Organized workshops on "Hands on cadaveric procedures" has been initiated in 2008 collaboration with other clinical departments of PGIMER Chandigarh. Till date more than 40 hands on cadaveric workshops have been conducted in collaboration with department of ENT, Anesthesia and Neurosurgery etc.
2. Organized an annual educational workshop for 2 days entitled "Organs talk: Time to take prevention" is being conducted since the year 2008 to aware the high school students and general public on healthy living by demonstrations on diseased and normal human organs viz: Normal & cirrhotic liver, Normal & diseased lung, Normal & fatty heart, Normal brain & brain with extra dural hematoma, Normal & atherosclerotic aorta. Till date 12 such workshops have been conducted. Each workshop was attended by more then 1000 high school students and genral public
3. Conducted CME on "Journey from Dissection hall to Multimedia" on July 25, 2009 (Chairperson).
4. Organized CME on recent advances in anatomy from October 4-5, 2003 in the Department of Anatomy, PGIMER, Chandigarh (Organizing Secretary).
5. 61st National Conference of Anatomical Society of India – 2013, 22nd – 26th November, PGIMER, Chandigarh – Chairperson. Approximately 1300 national and international delegates attended the CME & Conference.

6. CME cum Workshop & 7th Annual Conference of North state chapter of Anatomical Society of India. 2012 Nov 17-18. PGIMER, Chandigarh – Chairperson.
7. CME and 3rd Annual Conference of North Chapter of Anatomists Society (NCAS) – September 17,2021. PGIMER, Chandigarh – Chairperson.

8. Participation in administrative and organizational activities of the Institute

- Prof & Head, Department of Anatomy, PGIMER, Chandigarh from 2008 to 2022 (14 Years)
- Editor of Annual Report of PGIMER, Chandigarh from 2015-2016 to 2020-2021
- Joint editor of Annual Report of PGIMER, Chandigarh from 2006-2007 to 2014-2015
- Associate officer incharge of National Institute of Nursing education, PGIMER, Chandigarh for the year 2009-2010
- Prof Incharge of Photography Department since
- Established Molecular biology lab in the department of Anatomy, PGIMER, Chandigarh.
- Chairperson of Management Committee of PGI Community Centre
- Member of doctoral Committee
- Subject Expert for faculty selection for medical Institutes.
- Setting of question papers and preparing MCQ for various examinations

9. No. of Patents, if any - Nil

10. Publication in indexed and National Professional Associations Journals during the last 5 years

1. Gupta T, Goyal SK, Aggarwal A, Chawla K, Kaur H, **Sahni D** Congenital renal anomalies in indian population JPMER 2017; 51(1): 12-16.
2. Randhawa A, Gupta T, Aggarwal A, **Sahni D**, Singh RS. Histological topography of the atrioventricular node and its extensions in relation to the cardiothoracic surgical landmarks in normal human hearts. Cardiovas Pathol .2017; 30: 38-44.
3. Randhawa A, Saini A, Aggarwal A, Gupta T, Saikia UN, Rohit MK, **Sahni D** Variant origin and course of left circumflex coronary artery. Surg Radiol Anat. 2017 Mar; 39(3):333-336.
4. Singh HJ, Aggarwal A, Kochhar RK, Yadav TD, Gupta T, **Sahni D**. Closed loop of main duct of pancreas: a rare variant Configuration. Surg Radiol Anat. 2017;39(12):1405-1407.

5. **Tulika Gupta, Daisy Sahni, Richa Gupta, S.K. Gupta.** Expanding the horizons of melatonin use : An immunohistochemical neuroanatomic distribution of MT1 and MT2 receptors in human brain and retina. *Journal of the Anatomical Society of India.* 2017;66(1):58-66,
6. **Tulika Gupta, Narbada Saini, Jasbir Arora and Daisy Sahni.** Age related changes in the chorioretinal junction.: An immune histochmeical study. 2017;65(10):567-577.
7. Aggarwal A, Sharma R, Aggarwal A, Randhawa A, Gupta T, Sahni D. Immune cell composition of peripheral blood and synovial fluid in patients of primary knee osteoarthritis *JASI*2017; 66:S12
8. Garg S, Hemant K, Yadav TD, **sahni D**, Aggarwal A, Gupta T. Surgical Anatomy of the vasculobiliary apparatus at the hepatic hilum as applied to liver transplantations and major liver resections. *JASI.* 2018;67(1)DOI: 10.1016/j.jasi.2018.02.002
9. **Tulika Gupta, Daisy Sahni, Richa Gupta, S.K. Gupta.** Expanding the horizons of melatonin use : An immunohistochemical neuroanatomic distribution of MT1 and MT2 receptors in human brain and retina. *Journal of the Anatomical Society of India.* 2017;66(1):58-66.
10. **Goyal R, Aggarwal A, Gupta T, Sahni D .** Comparing safety margin of innervations points of the subscapular nerves from the base and tip of the coracoid process, *JASI.* 2018; 67: 24-29
11. Goyal R, Aggarwal A, Gupta T, **Sahni D.** High Origin of Profunda Femoris Artery at Midinguinal Point: A Case Report. *NSJA.* 2018;3(1):122-24
12. Garg S, **Sahni D**, Kumar H, Yadav T D, Aggarwal A, Gupta T. The segmental branching of the hepatic arteries in the liver: a cadaveric study. *AnatSci Int.* 2019; 94:216-223.
13. Randhawa A, Gupta T, Singh P, Aggarwal A, **Sahni D.** Description of the Aortic Root Anatomy in relation to Transcatheter Aortic Valve Implantation. *CardiovascPathol.* 2019; 40:19-23.
14. Tulika Gupta, Arpan Randhawa, **Daisy Sahni.** Histological evaluation of atrial muscle sleeve of pulmonary veins as relevant to trigger mapping and ablation. Accepted for publication *SurgRadiolAnat* 2020
15. Singhal A, **Sahni D**, Gupta T, Aggarwal A, Gupta AK. Anatomic variability of oval window as pertaining to stapes surgery. *SurgRadiol Anat.* 2020 42:329-335
16. Singal A, Gupta T, Sahni D, Aggarwal A. Anatomy of scalenovertbral Tringle: A vade mecum for clinicians. *Morphologie* 2020,104 (346):174-181
17. Goyal R, Gupta T, **Sahni D**, Singh G. Role of melatonin in carcinoma breast: correlation of expression pattern of melatonin-1 receptor with estrogen, progesterone and HER 2 receptors. *Applied Immunohistochemistry & Molecular Morphology*, 2019 Jul 8. doi: 10.1097/PAI.0000000000000788.
18. Singal A, Gupta T, **Sahni D**, Aggarwal A. Anatomy of scalenovertbral triangle: A vade mecum for clinicians. *Morphologie* 2020 Jan 22. pii: S1286-0115(20)30001-1.doi: 10.1016/j.morpho.2019.12.004
19. Goyal R, Aggarwal A, Gupta T, Gulati A, Jaggi S, Mirjalili SA, Ali S, **Sahni D.** Reappraisal of the classical abdominal anatomical landmarks using in vivo computerized tomography imaging. *SurgRadiolAnat* (2019). doi.org/10.1007/s00276-019-02326-4

20. Garg S, Kumar KH, **Sahni D**, Yadav TD, Aggarwal A, Gupta T. Anatomy of the hepatic arteries and its extrahepatic branches in the human liver: A cadaveric study. *Anatomy of the hepatic arteries and their extrahepatic branches in the human liver: A cadaveric study.* Ann Anat. 2020 Jan; 227:151409. doi: 10.1016/j.aanat.2019.07.010. Epub 2019 Aug 7. PMID: 31400446
21. Garg S, Gulati A, Aggarwal A, Gupta T, S. Ali Mirjalili, **Sahni D**. Retrospective analysis of adult thoracic surface anatomy in Indian population using CT scans. *Journal of the Anatomical Society of India.*
22. Sachdeva M, Aggarwal A, Sharma R, Randhawa A, Sahni D, Jacob J, Sharma V, Agarwal A. Chronic inflammation during osteoarthritis is associated with an increased expression of CD 161 during advanced stage. *ScandJImmunol*, 2019;90:1-11.
23. Goyal R, Gupta T, Bal A, Sahni D, Singh G. Role of Melatonin in Breast Carcinoma: Correlation of Expression Patterns of Melatonin-1 Receptor With Estrogen, Progesterone, and HER2 Receptors. *ApplImmunohistochemMolMorphol*. 2020 Aug;28 (7):518-523. doi: 10.1097/PAI.0000000000000788. PMID: 31290783.
24. Gupta T, Randhawa A, Sahni D. Histological evaluation of atrial muscle sleeve of pulmonary veins as relevant to trigger mapping and ablation. *SurgRadiol Anat*. 2020 Nov; 42(11):1271-1277. doi: 10.1007/s00276-020-02473-z. Epub 2020 Apr 21. PMID: 32318798.
25. Jain V, Krishnamurthy G, Kumar H, Sahni D, Gorski U, Yadav TD, Singh S. anatomical basis of routine caudate lobe resections in hilar cholangiocarcinoma. *J Gastrointest Surg*. <https://doi.org/10.1007/s11605-02104910-9>.
26. Kumari C, Gupta T, Gupta R, Kumar V, Sahni D, Aggarwal A, Neelkamal. Anatomy of the lumbar triangular safe zone of Kambin's in North West Indian population. *Anat Cell Biol*. 2021 Mar 31;54(1):35-41
27. Singal A, Gupta T, Sahni D. Diffuse idiopathic Skeletal hyperostosis : An Anatomical Case Report. *J Clin Diagn Res* 2021. 15(3); 2H
- 151 Gupta T, Kaur M, Shekhawat D, Aggarwal R, Nanda N, Sahni D. (In Press). Glucagon Like Peptide-1 and Its Receptor in Human Brain: Distribution of Expression, Functional Implications, Age Related Changes & Species Specific Characteristics. *Basic and Clinical Neuroscience*. Just Accepted publication Jun. 19, 2021. Doi: <http://dx.doi.org/10.32598/bcn.2021.2554.2>
28. [Sharma V](#), [Aggarwal A](#), [Jacob J](#), [Sahni D](#). Myeloid-derived suppressor cells: Bridging the gap between inflammation and pancreatic adenocarcinoma doi.org/10.1111/sji.13021
29. Garg S, Dutta U, Chaluvasetty SB, Kumar KH, Kalra N, **Sahni D**, Aggarwal A. The anatomy of the cystic duct and its association with cholelithiasis: MR cholangiopancreatographic study Clin. Anat Clin Ana. 2022 Mar 22. doi: 10.1002/ca.23856
30. Gupta R, Gupta T, Kumari C, Aggarwal A, **Sahni D**. Revisiting the surgical anatomy of the triangle of doom and the triangle of pain. *Clin Anat*. 2022 Apr 15. doi: 10.1002/ca.23886
31. Gupta, T., Kaur, M., Singla, N., Radotra, B.D., **Sahni, D.**, Kharbanda, P.S., & Gupta, S.K. (In Press). Reelin Signalling Pathway and Mesial Temporal Lobe Epilepsy: A Causative Link? *Basic and Clinical Neuroscience*. Doi: 10.32598/bcn.2021.2554.1

32. Gupta, Tulika, Mandeep Kaur, and **Daisy Sahni**. "Identification of novel pulmonary vein nodes as generators of ectopic arrhythmic foci for atrial fibrillation: an immunohistochemical proof." *Surgical and Radiologic Anatomy* (2022): 1-8.
33. Jacob J, Aggarwal A, Aggarwal A, Bhattacharyya S, Kumar V, Sharma V, **Sahni D**. Senescent chondrogenic progenitor cells derived from articular cartilage of knee osteoarthritis patients contributes to senescence-associated secretory phenotype via release of IL-6 and IL-8. *Acta Histochem*. 2022 Apr 1;124(3):151867.
34. Mandeep Kaur, Tulika Gupta, Mili Gupta, NavneetSingla, Parampreet S Kharbanda, Yogender Singh Bansal, **Daisy Sahni**, B D Radotra, S.K. Gupta. Expressional study of Permeability glycoprotein (P-gp) and Multidrug resistance protein 1 (MRP-1) in drug-resistant mesial temporal lobe epilepsy. *Basic and Clinical Neuroscience*. 2021 DOI: 10.32598/bcn.2021.2554.3.
35. Shallu Garg, Tulika Gupta, **Daisy Sahni**. Digastric Muscle Sternalis. *SurgRadiol Anat*. 2022 Mar;44(3):443-446.
36. Sharma V, Aggarwal A, Jacob J, **Sahni D**. Myeloid-derived suppressor cells: Bridging the gap between Inflammation and Pancreatic adenocarcinoma. *Scand. J. Immunol*. 2021 May; 93(5):e13021.
37. Sharma V, Sachdeva N, Gupta V, Nada R, Jacob J, **Sahni D**, Aggarwal A. IL-6 is associated with expansion of myeloid-derived suppressor cells and enhanced immunosuppression in pancreatic adenocarcinoma patients. *Scand. J. Immunol*. 2021 Oct 15:e13107.
38. Sharma V, Sachdeva N, Gupta V, Nada R, Jacob J, **Sahni D**, Aggarwal A. CCR4⁺ monocytic myeloid-derived suppressor cells are associated with increased epithelial-mesenchymal transition in pancreatic adenocarcinoma patients. *Immunobiology*. 2022 Mar 25:152210.
39. Singal A, Gupta T, Aggarwal A, **Sahni D**. Osseous deficiencies, pockets, superfluous lateral border thickening in scapula: a rare occurrence *Surg. Radiol. Anat* 2022 Apr;44(4):621-625.
40. Singal A, **Sahni D**, Gupta T, Aggarwal A, Ashok Kumar Gupta AK Surgical Anatomy of Basal turn in relation to Middle Cranial Fossa and Round Window as pertaining to Middle Fossa Cochlear Implant Technique. *Surg Radiol Anat Surg. Radiol. Anat*. 2021 Jul;43(7):1195-1201
41. Stephen E. Glennon, Kalu Ram, Tulika Gupta, Joe Iwanaga, Aaron S. Dumont, Juan E. Small, **Daisy Sahni**, R. Shane Tubbs. Basilar Artery Bands: Anatomic and Histologic Study with Application to Coiling and Stenting Procedures. *World Neurosurg*. 2022:S1878-8750(21)01959-8.
42. Tulika Gupta, Mandeep Kaur, Devendra Shekhawat, Ritu Aggarwal, Neha Nanda, **Daisy Sahni**. Glucagon like peptide-1 and its receptor in human brain: distribution of expression, functional implications, age related changes & species specific characteristics. *Basic and Clinical Neuroscience*. doi.org/10.32598/bcn.2021.2554.2 Shekhawat D, Gupta T, Aggarwal A, Sahni D, Gupta SK. A cadaveric cerebellar tonsillar decent with its rare variation in blood supply. *Int J Anat Var*, 14; 2021:
43. Verma RK, Reddy GGSS, Prakash DNS, Sahni D. Simple techniques using an additional landmark to reliably identify the trunk of facial nerve during parotidectomy : a cadaveric and clinical correlation study. *Indian J Surg Onco*. 2022, Doi 10.1007/s 13193-022-01535-5

44. Reddy GGSS, Verma RK, Prakash NS, Sahni D, Bakshi J, Panda NK. Feasibility of using posterior auricular artery as landmark for identification of facial nerve trunk in parotid surgery: A cadverif study. J Craniofacial Surg Vol 00; 2020.
45. Singla A, Gupta T, Sahni D, Gupta AK, Aggarwal A (2017) Topography of neurovascular structures in relation to round window an how it relates to cochlear implantation. Surg. Radiol Anat. 39(2):1309-1316. Doi:10.1007/s00276-017-1884-1 Equb 2017 Jun 8:PMID:28597033.
46. Singal A, Gupta T, Sahni D. Pointers to start voluntary body donation program for Anatomical eduction and research in India. North State J Anat. 4(1):25-27

Publications – 166 in Journals of repute (List Attached)

Chapter in Books/Books edited – 7

(Impact factor of your paper published during your Professorship)

11. No. of citations indexed of the published papers/nuber of ties your paper has been cited by other authors (best papers)

12. No. of research projects/Ph.D Postgraduate thesis guided:

Thesis/dissertation guided – 8 Ph.D, 10 Mch, 3 MS, 2 MD