

	<b>Dr. Amandeep Singh</b>
	<b>Assistant Professor</b>
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<b>Educational Qualifications</b>	<p>2009: B.V.Sc. &amp; A.H., SKUAST-J, Jammu (J&amp;K). 2011: M.V.Sc., LUVAS, Hisar (Haryana). 2015: Ph.D., GADVASU, Ludhiana (Punjab).</p>
<b>Employment Details</b>	<p>Assistant Professor, LUVAS, Hisar [April, 2016 – till-to-date]. Senior Research Fellow (SRF), GADVASU, Ludhiana [Jan. to Oct., 2015]</p>
<b>Research Interests</b>	Histology, Immunohistochemistry and Electron microscopy.
<b>Awards/Fellowships received</b>	<p>Associate editor: <i>Indian Journal of Veterinary Anatomy</i>. INSPIRE Fellowship (IF 120277) during Ph.D. programme by Department of Science and Technology (DST), Govt. of India</p>
<b>Membership of Scientific Societies</b>	<p>Member, Editorial board: <i>Journal of Animal Research &amp; Veterinary Science</i>; <i>SCIREA Journal of Animal Husbandry &amp; Veterinary Medicine</i>. Life Member: <i>Indian Association of Veterinary Anatomists (IAVA)</i>. Life Member: <i>Indian Association for the Advancement of Veterinary Research (IAAVR)</i>. Life Member: <i>Society of Animal Physiologists of India (SAPI)</i>.</p>
<b>Selected Publications</b>	<p><b>Amandeep Singh</b> and Opinder Singh. 2021. Histo-ontogenetic study of the parotid salivary gland of Indian buffalo. <i>Anatomia Histologia Embryologia</i> 50(2):250-259. <a href="https://doi.org/10.1111/ah.12622">https://doi.org/10.1111/ah.12622</a>.</p> <p><b>Aman Deep Singh</b> and Opinder Singh. 2017. Prenatal and neonatal development of mandibular salivary gland of Indian buffalo. <i>Journal of Applied Animal Research</i> <b>45(1)</b>: 373-383. <a href="https://doi.org/10.1080/09712119.2016.1195392">https://doi.org/10.1080/09712119.2016.1195392</a>.</p> <p><b>Aman Deep Singh</b> and Opinder Singh. 2017. Developmental Changes in the Parotid Salivary Gland of Prenatal Buffalo: An Ultrastructural Study. <i>International Journal of Morphology</i> <b>35(4)</b>: 1332-1336. <a href="http://dx.doi.org/10.4067/S0717-95022017000401332">http://dx.doi.org/10.4067/S0717-95022017000401332</a>.</p> <p><b>A.D. Singh</b> and Opinder Singh. 2017. Prenatal development of buffalo major salivary glands: Gross morphological and biometrical studies. <i>Buffalo Bulletin</i> <b>36(1)</b>: 155-168.</p> <p><b>A.D. Singh</b> and Opinder Singh. 2016. Histoenzymic studies on sublingual salivary gland of buffalo during prenatal development. <i>Indian Journal of Animal Research</i> <b>50(3)</b>: 374-376.</p> <p><b>A.D. Singh</b> and Opinder Singh. 2016. Ultrastructural changes in the sublingual salivary gland of prenatal buffalo (<i>Bubalus bubalis</i>). <i>Veterinary World</i> 9(3): 326-329.</p>

### **Number of Publications:**

- Research Papers published in standard scientific journals: **42**
- Papers presented in seminars/symposium/conferences: **35**

### **Detailed List of Publications:**

- **A.D. Singh**, R.K. Jain and Pawan Kumar. 2011. Histomorphological, histochemical and micrometrical studies on the middle buccal gland of sheep (*Ovis aries*). *The Haryana Veterinarian* 50: 27-29.
- **A.D. Singh**, R.K. Jain and Pawan Kumar. 2011. Topographic anatomy of buccal and labial glands in sheep. *The Haryana Veterinarian* 50: 30-32
- R.K. Jain, Pawan Kumar and **A.D. Singh**. 2010. Topographic anatomy, blood supply and nerve supply of the extrinsic muscles of the eyeball in camel (*Camelus dromedarius*). *Journal of Camel Practice and Research* 17(2): 167-171.
- **A.D. Singh**, R.K. Jain and Pawan Kumar. 2012. Histomorphological and histochemical studies on the dorsal buccal gland of sheep (*Ovis aries*). *Indian Journal of Veterinary Anatomy* 24 (1): 26-28.
- **A.D. Singh**, R.K. Jain and Pawan Kumar. 2012. Histomorphological and histochemical studies on the ventral buccal gland of sheep (*Ovis aries*). *The Haryana Veterinarian* 51: 56-57.
- Pawan Kumar, Baldev R. Gulati, **Aman Deep**, Rajesh Kumar, Niharika Mohanty, Taruna Anand and P.S. Yadav. 2013. Gross anatomy, histomorphology and histochemistry of equine umbilical cord. *Indian Journal of Veterinary Anatomy* 25(2): 65-68.
- Masood Ahmad John, Jasvinder Singh Sasan, Khursheed Ahmed, M.P.S. Tomar, Ajaz Ahmad and **A.D. Singh**. 2014. Morphometry of sternum of pigeon, crow and owl. *Indian Veterinary Journal*. 91(03): 40-41.
- Masood Ahmad John, Jasvinder Singh Sasan, **A.D. Singh** and A.R. Choudry. 2014. Comparative morphometry of the shoulder girdle of pigeon, crow and owl. *Indian Veterinary Journal*. 91(04): 43-45.
- **A.D. Singh**, R.K. Jain, Pawan Kumar and Kritima Kapoor. 2014. Microscopic analysis of the labial salivary glands of the sheep (*Ovis aries*). *International Journal of Scientific Research*. 3(10): 536-538.
- **A.D. Singh**, R.K. Jain, Pawan Kumar and Kritima Kapoor. 2014. Histomorphochemical observations on the duct system of minor salivary glands of sheep (*Ovis aries*). *Indian Journal of Applied Research* 4(11): 463-466.
- Varinder Uppal, Neelam Bansal, Anuradha, Devendra Pathak and **Amandeep Singh**. 2014. Light and scanning electron microscopy studies of quail tongues. *Avian Biology Research* 7 (3): 167-171.
- **A.D. Singh** and Opinder Singh. 2014. Histo enzymic studies on parotid salivary gland of buffalo during prenatal development. *Indian Journal of Veterinary Anatomy* 26(2): 110-112.
- **A.D. Singh** and Opinder Singh. 2014. Histo enzymatic studies on prenatal development of submandibular salivary gland in buffalo (*Bubalus bubalis*). *Veterinary World* 7(12): 1032-1036.
- N.M. Gupta, Jasvinder Singh Sasan and **A.D. Singh**. 2014. Effect of oral feeding of multi-enzymes on growth response of broiler chickens. *The Haryana Veterinarian* 53(2): 156-157.
- **A.D. Singh**, Jasvinder Singh Sasan, Masuood Ahmad John and A.R. Choudhury. 2015. Gross and microscopic characterization of the parotid salivary gland of sheep. *Indian Veterinary Journal* 92(01): 61-63.
- S. Kumar, K. K. Jakhar and **A.D. Singh**. 2015. Etio-pathological investigations to study the gross and histopathological lesions affecting gastrointestinal tract of sheep. *Scientific Research and Essays* 10(10): 356-361.

- Jasvinder Singh Sasan, Piyush Prakash, **A.D. Singh**, Masood Ahmad John and M.R. Malik. 2015. Biometry of the heart of the fowl (*Gallus gallus domesticus*). *Indian Journal of Animal Research* 49(4): 556-558.
- Sourabh Kumar, Krishan Kumar Jakhar and **Aman Deep Singh**. 2016. Serotyping and antimicrobial sensitivity of *Escherichia coli* isolated from gastrointestinal tract disorders in sheep. *Research in Environment and Life Sciences* 9(1): 105-106.
- **A.D. Singh** and Opinder Singh. 2015. Distribution of phosphatases, oxidoreductases and esterases in sublingual salivary gland of buffalo during neonatal development. *Applied Biological Research* 17(3): 266-272.
- **A.D. Singh** and Opinder Singh. 2016. Histo enzymic studies on sublingual salivary gland of buffalo during prenatal development. *Indian Journal of Animal Research* 50(3): 374-376.
- Kritima Kapoor and **Amandeep Singh**. 2015. Probiotics in poultry: Enhancing production performance and immunity. *Poultry World* October 2015: 14-18.
- **A.D. Singh** and Opinder Singh. 2016. Ultrastructural changes in the sublingual salivary gland of prenatal buffalo (*Bubalus bubalis*). *Veterinary World* 9(3): 326-329.
- **A.D. Singh** and Opinder Singh. 2016. The prenatal phase of buffalo mandibular salivary gland: An ultrastructural study. *Journal of Cell and Tissue Research* 16(1): 5443-5447.
- **Aman Deep Singh** and Opinder Singh. 2017. Prenatal and neonatal development of mandibular salivary gland of Indian buffalo. *Journal of Applied Animal Research* 45(1): 373-383. <https://doi.org/10.1080/09712119.2016.1195392>
- **A.D. Singh** and Opinder Singh. 2016. Enzyme histochemistry of mandibular salivary gland of neonatal buffalo. *Indian Veterinary Journal* 93(09): 43-45.
- **A.D. Singh** and Opinder Singh. 2016. Histo enzymic distribution of phosphatases, oxidoreductases and esterases in parotid salivary gland of buffalo during neonatal development. *Indian Veterinary Journal* 93(12): 38-40.
- **A.D. Singh** and Opinder Singh. 2017. Prenatal development of buffalo major salivary glands: Gross morphological and biometrical studies. *Buffalo Bulletin* 36(1): 155-168.
- **A.D. Singh**, Opinder Singh and Pawan Kumar. 2017. Distribution of phosphatases, oxidoreductases and esterases in parotid salivary gland of sheep during prenatal development. *Veterinary Research International* 5(1): 28-31.
- **Aman Deep Singh** and Opinder Singh. 2017. Morphological and histochemical characteristics of parotid salivary gland in neonates of Indian buffalo. *Journal of Animal Research* 7(4): 653-660.
- **Aman Deep Singh** and Opinder Singh. 2017. Developmental Changes in the Parotid Salivary Gland of Prenatal Buffalo: An Ultrastructural Study. *International Journal of Morphology* 35(4): 1332-1336. <http://dx.doi.org/10.4067/S0717-95022017000401332>.
- **A.D. Singh** and Opinder Singh. 2018. Histo enzymological studies on prenatal development of sublingual salivary gland of sheep (*Ovis aries*). *Indian Veterinary Journal* 95(08): 31-35.
- **Amandeep Singh**, Pawan Kumar, Parveen Kumar Gahlot and Tej Parkash. 2018. Histomorphochemical Characterization of the Lacrimal Gland of Sheep (*Ovis aries*). *Indian Journal of Veterinary Anatomy* 30(2): 131-133.
- **Amandeep Singh**, Pawan Kumar, Tej Parkash, Parveen Kumar Gahlot and Ibrahim Alhaji Girgiri. 2019. Microscopic characterization of Harderian gland of sheep (*Ovis aries*). *The Haryana Veterinarian* 58(1): 108-110.
- Parveen Kumar Gahlot, Pawan Kumar, **Amandeep Singh**, Tej Parkash Yadav and Ibrahim Alhaji Girgiri. 2019. Histological and histochemical studies on Harderian gland of the pig (*Sus scrofa*). *Indian Journal of Veterinary Anatomy* 31(1): 79-80.

- Parveen Kumar Gahlot, **Amandeep Singh** and Tej Parkash. 2020. Histoarchitecture and histochemical studies on the lacrimal gland of pig (*Sus scrofa*). *Journal of Animal Research*: 10(1): 117-121.
- Tej Parkash, Pawan Kumar, Parveen Kumar Gahlot and **Amandeep Singh**. 2019. Histological and histochemical studies on the lacrimal gland of the goats. *The Haryana Veterinarian* 58(2): 248-250.
- **Amandeep Singh**, Parveen Kumar Gahlot and Tej Parkash. 2020. Histomorphochemical characterization of Meibomian and ciliary glands of sheep (*Ovis aries*). *The Haryana Veterinarian* 59(2): 160-163.
- **Amandeep Singh** and Opinder Singh. 2021. Histo-ontogenetic study of the parotid salivary gland of Indian buffalo. *Anatomia Histologia Embryologia* 50(2):250-259. <https://doi.org/10.1111/ah.12622>.
- **Amandeep Singh** and Opinder Singh. 2020. Developmental changes in sublingual salivary gland of Indian buffalo during prenatal and neonatal life. *Indian Journal of Animal Research*. <https://doi.org/10.18805/IJAR.B-4258>.
- Tej Parkash, Parveen Kumar Gahlot and **Amandeep Singh**. 2020. Histomorphochemical characterization of Harderian gland of goat (*Capra hircus*). *Journal of Animal Research* 10 (4): 575-578.
- Tej Parkash, **Amandeep Singh** and Parveen Kumar Gahlot. 2021. Histomorphological and histochemical studies of the Meibomian and ciliary glands of goat (*Capra hircus*). *The Haryana Veterinarian* 60(1): 57-60.
- Parveen Kumar Gahlot, Tej Parkash and **Amandeep Singh**. 2021. Morphological analysis of parotid salivary gland of pig (*Sus scrofa*). *The Haryana Veterinarian* 60(1): 61-63.