



# Comparative histological studies of Jejunum in cattle, sheep and goat

■ P.J. Kapadnis<sup>1</sup> and P.N. Thakur

**Members of the Research Forum**

**Associate Author :**

<sup>1</sup>Department of Veterinary Anatomy,  
College of Veterinary and Animal  
Science, **Parbhani (M.S.) India**

**AUTHOR FOR CORRESPONDENCE :**

**P.N. Thakur**

Department of Veterinary Anatomy  
and Histology, College of Veterinary  
and Animal Sciences, **Parbhani  
(M.S.) India**

**Abstract :** Jejunum in cattle, sheep and goat comprised four types of layers tunica mucosa, tunica submucosa, tunica muscularis and tunica serosa. Tunica mucosa was innermost layer, which comprised lamina propria with number of glands. Intestinal glands were lined by number of goblet cells tall columnar cells and enterochromaffin cells. Lamina muscularis was with circular and longitudinal layers of smooth muscle fibre. Tunica muscularis was comprised of circular and longitudinal muscle fiber. Outmost layer was tunica serosa which was a loose connective tissue with blood vessels.

**Key words :** Histology, Jejunum cattle, Sheep, Goat

**How to cite this paper :** Kapadnis, P.J. and Thakur, P.N. (2018). Comparative histological studies of Jejunum in cattle, sheep and goat. *Vet. Sci. Res. J.*, 9(1&2) : 26-30, DOI : 10.15740/HAS/VSJR/9.1and2/26-30. Copyright@2018: Hind Agri-Horticultural Society.

**Paper History :** Received : 18.08.2018; Revised : 18.09.2018; Accepted : 27.09.2018