

The Digestive System

Monogastric, Ruminant, Hind-Gut Fermenters and Avian Species

LECTURE 2

Learning Objectives

1. Identify the anatomy, functions and secretions of each organ in the digestive tract.
2. Compare and differentiate modifications of digestive tract according to different species and their GIT classifications: monogastric, ruminant, hind-gut fermenter, and avian animals.

Monogastric Digestive Tract

M – single compartment stomach

Characterized by the inability to digest roughage efficiently

