

University of Mosul

College of Veterinary Medicine

Department of Physiology, Biochemistry, and Pharmacology

Topics for MSc in Veterinary Biochemistry

- 1. Cell Biochemistry.**
- 2. DNA and RNA.**
- 3. Replication and transcription.**
- 4. Genes and gene expression.**
- 5. Protein synthesis.**
- 6. Enzymes.**
- 7. Hormones.**
- 8. Vitamins and Minerals.**
- 9. Plasma proteins.**
- 10. Biological oxidation and Bioenergetics.**
- 11. Carbohydrates and their metabolism.**
- 12. Lipids and their metabolism.**
- 13. Amino acids and peptides.**
- 14. Proteins and their metabolism.**
- 15. Nucleotides and their metabolism.**