



Benha University
Faculty of Veterinary Medicine
Clinical Pathology Department

المشروعات البحثية الفرقة الرابعة البرنامج العام **Clin**

1. Function, regulation and interpretation of Sodium
2. Function, regulation and interpretation of potassium
3. Function, regulation and interpretation of chloride and water
4. Function, regulation and interpretation of calcium
5. Function, regulation and interpretation of phosphorus
6. Function, regulation and interpretation of Magnesium
7. Function, regulation and interpretation of cholesterol
8. Function, regulation and interpretation of triglycerides
9. Function, regulation and interpretation of lipoproteins
10. Lipemia
11. Function, regulation and interpretation of albumin
12. Function, regulation and interpretation of globulins
13. Importance of measurement of total plasma proteins and A/g ratio
14. Function, regulation and interpretation of glucose
15. Glucose tolerance tests
16. Glycated hemoglobin and fructosamine
17. Pathogenesis and laboratory findings of diabetes mellitus in different animals
18. Serum bilirubin
19. Ammonia
20. Bile acids
21. Hepatic injury enzymes
22. Cholestatic enzymes
23. Hemolytic jaundice
24. Hepatic jaundice
25. Obstructive jaundice
26. Amylase
27. Lipase
28. Pathogenesis and laboratory findings of acute pancreatitis,
29. Pathogenesis and laboratory findings of chronic pancreatitis,
30. Pathogenesis and laboratory findings of pancreatic acinar atrophy
31. Pathogenesis and laboratory findings of pancreatic neoplasia

32. Absorption tests
33. Fecal film test
34. Functions of Pancreas
35. Blood urea
36. Creatinine
37. Pathogenesis and laboratory findings of azotemia
38. Creatinine clearance test
39. Pathogenesis and laboratory findings of acute renal failure
40. Pathogenesis and laboratory findings of chronic renal failure
41. AST
42. CK,
43. LDH
44. Laboratory diagnosis of muscle diseases
45. Troponin
46. Antidiuretic hormone
47. Parathyroid hormone
48. Aldosterone hormone
49. Alkaline phosphatase
50. Electrophoresis of plasma proteins

