

### **List of projects for 3<sup>rd</sup> year (old system) Clinical Biochemistry:**

1. Diabetes mellitus: incidence, types, hazards and complications and its diagnosis.
2. Renal failure and accompanied changes on renal function tests.
3. Proteinuria: Definition, causes in detail and laboratory diagnosis.
4. Breast cancer: types and grades with the reference to the tumor markers used for its diagnosis and treatment.
5. Plasma proteins: Types, how to assess them in blood with the reference to how they are affected in different diseases.
6. Hepatic failure: causes, clinical picture with the reference to laboratory measures taken to assess liver function.
7. Tumor marker: Definition, characters, functions with the reference to their importance with examples and their method of detection.
8. Acute phase reactant proteins.
9. Fluid balance in human body: mechanisms of regulation and its disturbances in different diseases.
10. Jaundice: Definition, causes, pathogenesis and laboratory diagnosis of its cause.

**Thank you very much**

**Dr. Marwa Mohammed Mona, M.Sc., M.D**

**Lecturer of Medical Biochemistry**