

## **PRACTICAL SESSIONS – CARDIOVASCULAR PHYSIOLOGY**

### **Physiology, 2<sup>nd</sup> Year, English Module**

**Semester 2, 2016/2017**

1. The automatism of the heart. Stannius ligatures on the frog heart.
2. Action potential in the heart. The law of periodic inexcitability of the heart.  
The influence of ions and mediators on heart activity. Effect of vagal stimulation on heart activity. Vagal escape
3. ECG I – basic concepts in electrocardiography
4. ECG II – interpretation of normal ECG
5. ECG III – main physio-pathological aspects in electrocardiography.
6. Cardiac cycle. Peripheral manifestations of cardiac activity: Heart sounds. The phonocardiogram recording and analysis.
7. Carotidogram recording and analysis. Jugulogram. Apexocardiogram. The heart as a pump
8. Blood pressure. Arterial and venous circulation