

## Physiology

### CVS

- 1- ORIGIN & SPREAD OF CARDIAC EXCITATION**
- 2- Excitation-Contraction Coupling—Function of Calcium Ions and the *Transverse Tubules***
- 3- MECHANICAL EVENTS OF THE CARDIAC CYCLE**
- 4- FACTORS CONTROLLING CARDIAC OUTPUT**
- 5- Circulatory Changes during Exercise**
- 6- Regulation of Heart Pumping**
- 7- Arterial blood pressure: principles & control**
- 8- Reflexes controlling cardiovascular functions**
- 9- Physiology of cardiac reserve**
- 10- myocardial contractility**