**16 квітня (вівторок) о 12.00**  
в малій семінарській аудиторії (к.214) відбудеться семінар на тему:

**«Cardiac inwardly rectifying potassium channels in epilepsy»**

Clinical and experimental studies show that epilepsy affects cardiac function; however, the underlying molecular mechanism has not been fully elucidated. Inwardly-rectifying potassium (Kir) channels transport K+ ions into excitable cells such as neurons and cardiomyocytes; they control the cell excitability by acting towards the repolarization phase of cardiac action potential. I will give example about clarification of the expression of Kir channels in epileptic cardiac tissue by using experimental animal model in rats. My talk will show that Kir channels may play a role in cardiac pathology associated with epilepsy.

**Доповідач:**

Enes AKYUZ (PhD.)

*Yozgat Bozok University, Faculty of Medicine, Department of Biophysics, Turkey*

*Запрошуються всі бажаючі*