❖ **Course Title**	**Introduction to Molecular Dynamic Simulation**
❖ **About this course**	This course is suitable for students and graduates of biological science who are familiar with bioinformatics concepts. In this course we start from installing Linux operating system and requirements and initialization of GROMACS molecular dynamic simulation package is followed in continue. Then basic concepts are introduced and a basic simulation is set up and run by audience.
❖ **Audience:** **Level (BSc. MSc., PhD, etc.)**	Graduate students (MSc and PhD) and above
❖ **Department** ❖ **Instructor**	Department of stem cell & development biology Dr. Amirreza Ariamoghadam, Mrs. Nasim Ahmadian
❖ **Modules/Resources**	Linux operating system, GROMACS Laptop, USB 32 Gb flash drive, internet
❖ **Course Requirements**	Basic experience of work with computer
❖ **Registration Costs**	600000 Toman
❖ **Duration:**	Two days and each day 5 hours