

📖 *In the Name of God* 📖

**Department of Physiology  
The Medical School  
Shiraz University of Medical Sciences  
1<sup>st</sup> Semester (1399-1400)**

**MOLECULAR CELL BIOLOGY  
(M.Sc. in Physiology)**

Place =

Time = Saturday, 10--12

<u>Date</u>	<u>Title</u>	<u>Lecturer</u>
	Molecular Components of the Cell	M.SM
	Membrane Structure + Cell Junctions	"
	Cell Adhesion & Extracellular Matrix	M.V
	Cytoskeleton I	"
	Cytoskeleton II + Cell Signaling I	"
	Cell Signaling II (1.5 session)	"
	Molecular Structure of Genes and Chromosomes	M.SM
	DNA Replication	"
	Transcription I	M.V
	Transcription II	"
	Protein Synthesis	"
	Techniques in Molecular Cell Biology	"
	Intracellular Compartments & Transport I	M.SM
	Intracellular Compartments & Transport II + Mitochondria I	"
	Mitochondria II	"
	Cell Cycle Control & Cell Division (1.5 session)	"

**Abbreviation:**

M.SM = Dr M. Shid-Moosavi

M.V = Dr M. Varedi

**References:**

Essential Cell Biology (2014) by B. Alberts, *et al*

Molecular Biology of the Cell (2015) by B. Alberts, *et al*

Molecular Cell Biology (2016) by H. Lodish, *et al*