

**BIOCHEMISTRY/ANATOMY 212**  
**MOLECULAR MECHANISM OF CELL FUNCTION**  
**TIMETABLE - WINTER 2017**

**Lecturers:**

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Dr. J. Young, Bellini Building, Room 467, Tel: 514-398-2006, [jason.young2@mcgill.ca](mailto:jason.young2@mcgill.ca)

**Location:** McIntyre Building, Room 522 on Mondays (M), Wednesdays (W) & Fridays (F) from 10:35am-11:25am

**Prerequisite:** BIOL 200 **Restrictions:** Not open to students who have taken or are taking BIOL 201

Date	Day	Lecture Title	Lecture	Lecturer
Jan. 04	W	Protein Folding in the Cell I	1	J.Y
06	F	Protein Folding in the Cell II	2	J.Y
09	M	Protein Folding in the Cell III	3	J.Y
11	W	Protein Folding in the Cell IV	4	J.Y
13	F	Membrane Proteins I	5	J.Y
16	M	Membrane Proteins II	6	J.Y
18	W	Membrane Proteins III	7	J.Y
20	F	Membrane Proteins IV	8	J.Y
23	M	Intracellular sorting I	9	J.Y
25	W	Intracellular sorting II	10	J.Y
27	F	Intracellular sorting III <b>Stewart Bio N2/2, S1/4</b>	11	J.Y
30	M	Intracellular sorting IV	12	J.Y
Feb. 01	W	Cell Junctions and Cell Adhesion I	13	D.R
03	F	Cell Junctions and Cell Adhesion II	14	D.R
06	M	ECM I	15	D.R
08	W	ECM II	16	D.R
10	F	ECM III	17	D.R
13	M	Thermodynamics and Equilibrium	18	T.D
15	W	Pre-Midterm Tutorial	19	**
16	<b>R (Thurs)</b>	<b>MIDTERM EXAM -&gt; 7:00PM – 9:00PM (Location: TBD)</b>		
17	F	Introduction to Metabolism	20	T.D
20	M	Organelles Functions and Metabolism I	21	T.D
22	W	Organelles Functions and Metabolism II	22	T.D
24	F	Organelles Functions and Metabolism III	23	T.D
<b>February 27 to March 3 - STUDY BREAK</b>				
Mar. 06	M	Organelles Functions and Metabolism IV	24	T.D
08	W	Cell Cycle I	25	A.P
10	F	Cell Cycle II	26	A.P
13	M	Cell Cycle III	27	A.P
15	W	Cell Communication I	28	A.P
17	F	Cell Communication II	29	A.P
20	M	Cancer I	30	A.P
22	W	Cancer II	31	A.P
24	F	Cancer III	32	A.P
27	M	Model Organisms & development I	33	M.B
29	W	Model Organisms & development II	34	M.B
31	F	Model Organisms & development III	35	M.B
Apr. 03	M	Model Organisms and signaling pathways	36	M.B
05	W	WRAP UP	37	A.P/T.D
07	F	TBA	38	
10	M	TBA	39	

**Midterm Examination: Lectures 1 to 18 (inclusive)**

**Final Examination: Lectures 18 to 36 (inclusive)**

**MARKING SYSTEM: Mid-term, 46%; Final Examination, 54%**

***If you miss writing the midterm exam, you MUST BRING a medical note to the main office, room 905, McIntyre Medical Sciences Building within 1 WEEK of the exam date. In this case, a make up midterm will be scheduled within the 2 weeks from the midterm date. If a legitimate (please make note: the note should provide a VALID medical condition) doctor's note is not provided, you will receive a zero on the midterm and the final exam will be worth 54%.***

**Suggested reading:**

- Molecular Biology of the Cell; Bruce Alberts, Julian Lewis, Martin Raff, Alexander Johnson, Keith Roberts; ISBN: 0815332181; Format: Hardcover, 1616pp; Pub. Date: May 2002 Publisher: Taylor & Francis, Inc.; Edition Number: 4
- Molecular Cell Biology; Harvey Lodish, Paul Matsudaira, Arnold Berk, S. Lawrence Zipursky, Matthew P. Scott; ISBN: 0716743663; Format: Hardcover, 973pp; Pub. Date: July 2003 Publisher: W. H. Freeman Company; Edition Number: 5

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