

**ADVANCED CARDIOVASCULAR PHYSIOLOGY:
EXPERIMENTAL MEDICINE EXMD-506
SCHEDULE OF LECTURES FALL 2018**

**LECTURES: Wednesday, 3:35-5:35 p.m. Room S2/2
The Stewart Biology Building**

**Followed by 1 HOUR STUDENT PRESENTATIONS
In the same room, 5:35-6:35 p.m. beginning September 19th**

1	September 05	Short Introductory Class Meeting followed by: adel.schwertani@mcgill.ca	Adel Schwertani 514-934-1934 ext 43841
	September 12	Role of Endothelium in the Control of Blood Flow adel.schwertani@mcgill.ca	Adel Schwertani 514-934-1934 ext 43841
2	September 19	Pathophysiology of congenital Heart Disease Nataliebottega@yahoo.ca	Natalie Bottega 514-934-1934 ext 37061
3	September 26	Advances in Cardiovascular imaging matthias.friedrich@mcgill.ca	Matthias Friedrich 514-934-1934 ext 62800
4	October 3	Ions, Channels and Cardiac Electrophysiology alvin.shrier@mcgill.ca	Alvin Shrier 514-398-2272
5	October 10	Ischemic revascularization sonny.dandona@mcgill.ca	Sonny Dandona 514-934-1934 ext 36151
6	October 17	Regulation of Pulmonary Vascular Tone adel.schwertani@mcgill.ca	Adel Schwertani 514-934-1934 ext 43841
7	October 24	Hyperlipidemia and Coronary Artery Disease jacques.genest@muhc.mcgill.ca	Jacques Genest 514-934-1934 ext 34642
8	October 31	The Specialized Conduction System of the Heart michael.guevara@mcgill.ca	Michael Guevara 514-398-4320
9	November 7	Pathophysiology-Directed Management of Mitral Regurgitation benoit.devarennnes@muhc.mcgill.ca	Benoit De Varennes 514-934-1934 ext 34980
10	November 14	Biomedical Engineering and Heart Repair dshumtim@yahoo.ca	D. Shum Tim 514-934-1934 ext 42839
11	November 21	Atherosclerosis: Prevention and Treatment adel.schwertani@mcgill.ca	Adel Schwertani 514-934-1934 ext 43841

Course Conveners: Dr. Adel Schwertani and Dr. Sonny Dandona, Cardiology,
Department of Medicine, Glen Site 514-934-1934 ext: 43841.

**ADVANCED, APPLIED CARDIOVASCULAR PHYSIOLOGY Experimental
Medicine EXMD-506**

GUIDELINES FALL 2018

1. SUBMISSION OF TERM PAPER

Objectives: To familiarize the students with original papers in the field of Cardiovascular Physiology, and to provide them with an opportunity to write a critical scientific review on a topic of their choice.

Topic: Any subject related to the lecture topics of the course is acceptable. It is recommended that each student consult the lecturer that you were assigned in the first class on the suitability of the topic before proceeding in depth with the paper.

Material: Each student should read at least 7 original papers on the chosen topic, and then write a critical review on that material. Do not simply summarize what you have read.

Originality: All the material in the term paper which has been quoted from other works must be identified either by quotation marks or by suitable references.

Length: 10-15 double-spaced, single-sided pages, not counting Figures, Figure Legends, Tables and References.

Mark: The term paper is worth 30% of the final mark.

Deadline: Deadline: **Friday, November 30th, 2018**. Submit the paper

- (i) As an email attachment to the Professor you did the paper presentation with, and cc Guenièvre Grondin guenievre.grondin@mail.mcgill.ca on the email. The deadline is midnight **November 30th, 2018**.
- (ii) In the event that you wish to submit a hard copy, please make sure you notify Guenièvre Grondin by e-mail. The penalty for late submission will be a deduction of 3 marks per day from the original mark given and no exception will be made.

2. STUDENT PRESENTATIONS

Students will select a partner or partners as the case may be, to present the research paper assigned to them by Dr. Schwertani. Presentation should be about 30 - 40 minutes, shared between the partners, before the whole class, after which there is a question period and discussion. The papers are chosen by the lecturers; the number of presentations will depend on class size. Presentations will likely begin Wednesday, September 21st. All students receive copies of the papers; PDF files of the papers will be posted on the course web site. The lecturer and Dr. Schwertani will be present. Students are encouraged to contact the lecturer who chose the paper to be presented by them. The aim is to encourage participation on the various topics of the course, and to have more interactions between students, and between students and lecturers. The presentation is worth 15% of the total mark, and a further 5% marks is allocated for attendance and participation at these sessions. It is vital that the whole class be present, to ask questions and to participate in discussion.

All lectures will be held at The Stewart Biology Building at McGill (Room S2/2). Electronic projection for students using PowerPoint is available.

3. FORMAT OF THE FINAL WRITTEN EXAMINATION

The final 3-hour examination accounts for 50% of the mark for the course. The examination will consist of two parts: Part A - 12 compulsory short answer questions covering all lectures, worth 60% of the exam mark, and Part B – any 2 out of 12 essay questions, worth 40% of the exam mark

Final exam date: Thursday December 6th 2018 from 9:15am to 12:15pm