

**MEDG 545 – JOURNAL CLUB**  
**CURRENT TOPICS IN MEDICAL GENETICS RESEARCH 2020W**

**MEDG 545** is a 3-credit, **two-term** elective course with the format of a Journal Club. The purpose of this course is to assist students to learn to critically evaluate scientific literature and to hone their general presentation skills. Unlike other courses, participation in a Journal Club may include post-doctoral fellows, faculty and staff. Students registering for MEDG 545 have their choice of Journal Clubs with different themes and at different locations. Students taking the course for credit are expected to continue to attend a Journal Club throughout their time as a graduate student. Non-Medical Genetics graduate students are welcome to take MEDG 545. If space is limited, priority will be given to the students in the Medical Genetics Graduate Program.

Students taking a Journal Club for credit must obtain permission via email from the coordinator of their selected journal club and forward that email to Cheryl Bishop: [medical.genetics@ubc.ca](mailto:medical.genetics@ubc.ca). Non-MEDG students must also submit a "[Permission to Register](#)" form to the Medical Genetics Program Office.

**GENOMIC VARIATION AND HUMAN DISEASE (C&W)**

**Faculty:** Dr. Jan Friedman

**Course Delivery:** online starting in September and until further notice

**When:** Every other Monday

**Starting:** September 14, 2020

**Time:** 3:00 –4:30 PM

**Description:** This journal club discusses important recent literature as it pertains to the understanding of human genetic variation and disease. In particular, it focuses on:

- The identification and characterization of human genomic variation.
- Alterations of genomic sequence or structure and the mechanisms by which they lead to disease.
- Human evolution, population genetics, and other factors that affect human genetic variation.

This is an interactive Journal Club. Students participating in this Journal Club for MEDG 545 credit are required to present at least once per term, to attend at least 90% of all sessions, and to actively participate in the discussions of all papers.

Journal Club Coordinator is Dr. Jan Friedman: [jan.friedman@ubc.ca](mailto:jan.friedman@ubc.ca).

**2. MOLECULAR MECHANISMS OF DISEASE (CMMT)**

**Faculty:** Dr. Elizabeth Conibear, Dr. Stefan Taubert

**Course Delivery:** online starting in September and until further notice

**When:** Every other Thursday

**Starting:** September 10

**Time:** 3:00 – 4:00 PM (iCal invitation 2:45 – 4:30 PM)

**Description:** CMMT Journal Club participants discuss important recent literature in a collegial, open and interactive setting. Presentations from any field of molecular medicine are welcome as long as they relate in the widest sense to mechanisms of human disease. In each session, there will be a short "current highlight"

presentation, followed by a longer and more formal discussion of a recent paper.

Journal Club Coordinators are:

Dr. Elizabeth Conibear: [conibear@cmmt.ubc.ca](mailto:conibear@cmmt.ubc.ca)

Dr. Stefan Taubert: [taubert@cmmt.ubc.ca](mailto:taubert@cmmt.ubc.ca)

### 3. EPIGENETICS IN DEVELOPMENT AND DISEASE (LSC)

**Faculty:** Drs. Louis Lefebvre, Matt Lorincz, Carolyn Brown & Molecular Epigenetics Group members

**Course Delivery:** online starting in September and until further notice

**When:** Every Tuesday

**Introductory session:** September 8, 2020

**Starting:** September 15, 2020

**Time:** 4:00-5:00 PM

**Description:** This Journal Club (JC) meets weekly, alternating weeks with research presentations (wing talks) from the Molecular Epigenetics Group at the LSI. Recent primary research articles related to all aspects of epigenetics, epigenomics, chromatin structure, and gene regulation are presented. Students taking the class for credit must present once each term. They are also expected to read the paper and any necessary background for the other JC presentations. Students are graded on their two presentations and on their participation and discussion during other JC presentations. A maximum of seven students will be permitted to register each term, with preference given to students whose supervisors regularly attend this journal club.

Journal Club Coordinator is Dr. Louis Lefebvre: [louis.lefebvre@ubc.ca](mailto:louis.lefebvre@ubc.ca)

*During this pandemic, the shift to online learning has greatly altered teaching and studying at UBC, including changes to health and safety considerations. Keep in mind that some UBC courses might cover topics that are censored or considered illegal by non-Canadian governments. This may include, but is not limited to, human rights, representative government, defamation, obscenity, gender or sexuality, and historical or current geopolitical controversies. If you are a student living abroad, you will be subject to the laws of your local jurisdiction, and your local authorities might limit your access to course material or take punitive action against you. UBC is strongly committed to academic freedom, but has no control over foreign authorities (please visit <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=3,33,86,0> for an articulation of the values of the University conveyed in the Senate Statement on Academic Freedom). Thus, we recognize that students will have legitimate reason to exercise caution in studying certain subjects. If you have concerns regarding your personal situation, consider postponing taking a course with manifest risks, until you are back on campus or reach out to your academic advisor to find substitute courses. For further information and support, please visit: <http://academic.ubc.ca/support-resources/freedom-expression>.*

September 9, 2020