Neurodegenerative Research: From Bench-to-Bedside
Focus on prevention and risk factors
(GMS 6029), Sprint 2016, Tuesdays, 4:30 pm BMS J480 (1 credit hour)
Course Director: Dr. Sylvain Doré

Participating faculty (See second page):
Dr. Sylvain Doré sdore@ufl.edu Office: 352-273-9663, Cell: 443-803-1910
Others

Course format: The course will consist of topics in the field of neurodegeneration; from Basic Science to Clinical Trials. Each topic will be selected by a faculty member who will give a brief overview of ongoing research project and introduce the paper. Each week, the assigned **student presenter** will then present a 35-45 min Power Point presentation of the paper assigned by the designated faculty. The student presenter is expected to:

1. Prepare a very *brief updated review of the literature* concerning the subject of the paper (not exclusively based on what is presented in the paper). Again, background research should be obtained from sources beyond the introduction of the paper and set the historical content of the paper, i.e. what was known prior to the assigned paper, and other relevant information. Prepare a summary slide and/or a slide with additional points to discuss.
2. Prepare *large, readable* slides of most relevant figures and tables in the paper, including supplemental data.
3. Be prepared to discuss the methods used, *limitations/pitfalls* of the methods, control groups, statistics, alternative experimental approaches, and if the data support the conclusions. Does the paper make a significant contribution/advancement to science? What should be done next? Discuss the translational potential: Bench-to-Bedside.
4. The presenter is encouraged to seek advice and direction from the assigned faculty and/or postdoc and/or course coordinator(s).
5. **Student readers**. In addition to reading the paper, they will be responsible for facilitating the discussion by asking at least 2 specific questions.

Papers: Papers assigned by faculty will be recent (published within the last 12 months) and relevant to the course. If the paper has a supplemental material section, the PDF's for both the paper and the supplement material will be provided to the assigned student by the Tuesday before the presentation.

Grading:
Class attendance and Sign-in sheet: Attendance is required. Two unexcused absences will result in a grade U. Please contact Dr. Doré with university-excused absences (illness, attending a conference, etc) or a scheduling conflict at least two days before.
Presenters: Missing your presentation will result in a grade U.
Readers: Attending class without being prepared to ask questions will count as one unexcused absence.
All: All students are required to read the assigned articles prior to each class and to be prepared to discuss, generate, and answer questions pertaining to the articles and related topics.

Supported by the University of Florida, Center for Translational Research in Neurodegenerative Disease

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