Neurodegenerative Research: From Bench-to-Bedside
Focus on prevention and risk factors
(GMS 6029), Fall 2012, Tuesdays, 4:30 pm BMS J480 (1 credit hour)
Course Director: Dr. Sylvain Doré

Participating faculty:
Dr. Sylvain Doré          sdore@ufl.edu          ph: 352-273-9663
Dr. Todd Golde           tgosla@mbi.uf.edu
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Dr. Paramita Chakrabarty pchakrabarty@ufl.edu
Others

Course format:
The course will consist of topics in the field of neurodegeneration. Each topic will be assigned to a faculty member and/or postdoc. The assigned person will give a brief overview and introduce the paper. Each week a student/postdoc will then present a 35-45 min PowerPoint presentation of a paper assigned by the designated faculty. The presenter is expected to:

1. Prepare a 5-10 min brief updated review of the literature concerning the subject of the paper. Background research should be obtained from sources beyond the introduction of the paper and set the historical content of the paper, i.e. what was known prior to the assigned paper, and other relevant information.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.
5. **Student readers** (2/week). 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 you are discussion leader.

Grading:
**Class attendance**: 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 as soon as possible.
**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.

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