1. CHM 6203 Chemical Biology of Nucleic Acids; Fall 2019
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2. Office Hours. email for appointment

3. Course objectives.
   After completing this course the student will:
   o be able to recognize the major classes of stable RNAs involved in gene regulation in eukaryotes.
   o be able to describe the how chemical (nucleotide analog synthesis, chemical probing, small molecule screening)
     and molecular methods (molecular cloning, next generation sequencing, selex, genome editing) are combined in
     the field of nucleic acid chemical biology.
   o gain a detailed understanding of the current (<2yrs) nucleic acid chemical biology literature.
   o gain additional experience and skill in oral and written scientific communication.

4. Class Schedule – see next page

5. Grading.
   Course grade will be based on:
   o quality and depth of submitted Weekly Topic Questions
   o Answers to Weekly Topic Questions
   o Research Paper Review presentation
   o Quality and depth of News and View Article
   o Participation in class discussion!!

6. Class attendance.
   Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with
   university policies that can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

7. Accommodations.
   Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-
   8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an
   accommodation letter which must be presented to the instructor when requesting accommodation. Students with
   disabilities should follow this procedure as early as possible in the semester.

8. Recommended textbooks.
   There is no single textbook for the material covered in this course. Primary instructional resources will be papers from the
   current literature, review articles and selected book chapters in the public domain. These resources will be provide online
   at the Canvas site for this course.


10. Online course evaluation process.
    Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at
    https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students
    will be given specific times when they are open. Summary results of these assessments are available to students at
    https://evaluations.ufl.edu/results/.

11. Materials and Supplies Fees
    None