

Advanced Virology MCB1 7460 Fall 2025

Tuesdays from 2 to 5 pm Brody 5E114

Course Director- Dr. Rachel Roper 5N96C

| <u>Date</u> | <u>Topic</u> | Student Presentations | <u>Instructor</u> |
|----------------------|-----------------------|--------------------------|-------------------|
| <u>Aug</u> 26 | Introduction | | Dr. Roper |
| <u>Sept 2</u> 9 | Herpesviridae | | Dr. Akula |
| 16 | Adenoviridae | student | Dr. Akula |
| 23 | Hepadnaviridae | Name | Dr. Akula |
| 30 | Poxviridae | | Dr. Roper |
| <u>October</u> 7 | Parvoviridae | Name | Dr. Roper |
| 14 | Orthomyxoviridae | Name | Dr. Polakowski |
| 21 | Coronaviridae | | Dr. Roper |
| 28 | Picornaviridae | | Dr. Polakowski |
| <u>November</u> 4 | Polyoma or Papilloma- | Name | Dr. Murakami |
| 11 | Rhabdoviridae | Name | Dr. Lemasson |
| 18 | Filoviridae | | Dr. Lemasson |
| 25 | Retroviridae | Name | Dr. Lemasson |
| | Flaviviridae | Name | Dr. Murakami |
| <u>Dec 2</u> | Final Exam | | Dr. Roper |

Drs. Akula, Lemasson, and Polakowski will choose papers for students to present for the classes they lead.

Students will choose their own papers for the classes led by Drs. Roper and Murakami. Students should clear the choice of manuscript with Drs. Roper or Murakami at least one week before the paper is distributed.

Papers must be distributed by email to the students and faculty one week before class.

Quality manuscripts may be found in PubMed journals including the following:

J Virol, J Gen Virol, Virology, PNAS, Blood, Cell, Science, Nature, EMBO, J Exp Med, J Immunol, J Biol Chem, PLOS, Scientific Reports, Frontiers.

East Carolina University seeks to comply fully with the Americans with Disabilities Act (ADA). Students requesting accommodations based on a disability must be registered with the Department for Disability Support Services located in Slay 138 (252) 737-1016 (Voice/TTY).