

*Molecular Pathogenesis*

**VME 6464**

**Class Periods:** Tuesdays and Fridays, 4:00-5:30 pm

**Location:** Veterinary Academic Building (Bldg 1017), room V3-114

**Academic Term:** Spring 2023

**Instructor**

Daniel R. Brown, Ph.D.

[drbrown@ufl.edu](mailto:drbrown@ufl.edu)

Office Phone Number: 352-294-4004

Office Hours: By appointment; scheduled via email.

**Teaching Assistants**

Other participating UF faculty TBD.

**Course Description**

Papers on mechanisms of pathogenesis and molecular approaches toward diagnosis and control of either parasitic or viral and bacterial diseases. Focus varies each semester. 3 Credits, Max 6 Credits

**Course Pre-Requisites / Co-Requisites**

Biochemistry, immunology, or consent of instructor.

**Course Objectives**

To enhance students' exposure to a broad remit of disciplines and topics in infectious diseases and immunology with emphasis on molecular microbial pathogenesis; to enhance students' critical reading and thinking, and scientific verbal and visual presentation skills; and to emphasize the importance of active listening and engagement in scientific discourse. These will be evaluated through the instructors' assessment of 1) student leadership of presentation/critical discussion of assigned readings, 2) class participation, and 3) attendance.

**Recommended Materials**

Bacterial Pathogenesis: A Molecular Approach

Wilson B.A., Winkler M., Ho B.T.

2019 (4E) ASM Press

ISBN 978-1-555-81940-8

**Course Schedule**

Weekly (twice each week excluding holidays): Topic TBD / Lecturer TBD / Corresponding Assigned Readings TBD

**Attendance Policy, Class Expectations, and Make-Up Policy**

Daily attendance will be recorded. Students are allowed to miss up to two (2) class meetings provided a stated reason is submitted to the course instructor in writing before the class meeting. Unannounced absence from a class meeting during which the student is scheduled to present and lead discussion will result in a 0. Excused absences must be consistent with university policies in the [Graduate Catalog](#) and require appropriate documentation. Additional information can be found in [Attendance Policies](#).

**Evaluation of Grades**

<b>Assignment</b>	<b>Total Points</b>	<b>Percentage of Final Grade</b>
Leadership of presentation/discussion	50	50%
Participation (each class meeting)	40	40%
Attendance	10	10%
	100	100%

<i>Assignment</i>	<i>Total Points</i>	<i>Percentage of Final Grade</i>

### **Grading Policy**

The following is given as an example only.

<i>Percent</i>	<i>Grade</i>	<i>Grade Points</i>
90.0 - 100.0	A	4.00
87.0 - 89.9	A-	3.67
84.0 - 86.9	B+	3.33
81.0 - 83.9	B	3.00
78.0 - 80.9	B-	2.67
75.0 - 79.9	C+	2.33
72.0 - 74.9	C	2.00
69.0 - 71.9	C-	1.67
66.0 - 68.9	D+	1.33
63.0 - 65.9	D	1.00
60.0 - 62.9	D-	0.67
0 - 59.9	E	0.00

More information on UF grading policy may be found at:

[UF Graduate Catalog](#)  
[Grades and Grading Policies](#)

### **Students Requiring Accommodations**

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the [Disability Resource Center](#). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

### **Course Evaluation**

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. [Click here for guidance on how to give feedback in a professional and respectful manner](#). Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via [ufl.bluera.com/ufl/](http://ufl.bluera.com/ufl/). [Summaries of course evaluation results are available to students here](#).

### **University Honesty Policy**

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." [The Honor Code](#) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

### **Software Use**

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

### ***Student Privacy***

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see the [Notification to Students of FERPA Rights](#).

### ***Campus Resources:***

#### ***Health and Wellness***

##### **U Matter, We Care:**

If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) or 352 392-1575 so that a team member can reach out to the student.

**Counseling and Wellness Center:** [counseling.ufl.edu/cwc](http://counseling.ufl.edu/cwc), and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

##### **Sexual Assault Recovery Services (SARS)**

Student Health Care Center, 392-1161.

**University Police Department** at 392-1111 (or 9-1-1 for emergencies), or [police.ufl.edu](http://police.ufl.edu).

#### ***Academic Resources***

**E-learning technical support**, 352-392-4357 (select option 2) or e-mail to [Learning-support@ufl.edu](mailto:Learning-support@ufl.edu).

**Career Resource Center**, Reitz Union, 392-1601. Career assistance and counseling.

**Library Support**, Various ways to receive assistance with respect to using the libraries or finding resources.

**Teaching Center**, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.

**Writing Studio**, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.

**Student Complaints Campus**

**On-Line Students Complaints**