



### 1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle? (Please list the full, complete learning outcome statements and not just numbers, e.g., Outcomes 1 and 2.)

to immunology, virology and microbiology graduate program. In the previous cycle, MB.6650 and virology MB.6350 were also assessed, and all participants demonstrated proficiency in these areas.

2. Demonstrate the ability to effectively communicate through logical flow, presentation, and analysis. All students participated in and presented at the MMI colloquium MB.6920 in the previous cycle.

### 2. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please describe the artifacts in detail and identify the course(s) in which they were collected. Clarify Committee directly on the student presentation. The student presentation was approved by a vote of a 5 member faculty committee overseen by the program director.

a). All courses, journal club and colloquium provided online after spring of 2020.  
b). No involvement with the Madrid campus  
c). No involvement with the off-campus location

### 3. Assessment Methods: Evaluation Process

What process was used to evaluate the artifacts of student learning, and by whom? Please identify the tools(s), (e.g., a rubric) used in the process and include them in/with this report document (please do not just refer to the assessment plan).

This is an apprenticeship style program, so the majority of the feedback to the students is immediate and occurs in one-on-one discussions between the students and their research mentors and/or other faculty. Additional feedback is provided by performance reports from the MMI course directors to the MMI Graduate Oversight Committee and by reviewing the students' grades. All of this information is collated by the Graduate Oversight Committee in annual reports synchronized with the students' annual research updates to the entire faculty.

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