

# Biochemistry and Molecular Biology

## Interim Chair

- Kris A. DeMali

**Undergraduate major:** biochemistry and molecular biology (BA, BS)

**Graduate degrees:** MS in biochemistry and molecular biology; PhD in biochemistry and molecular biology

**Website:** <https://medicine.uiowa.edu/biochemistry-molecular-biology/>

## Facilities

The Department of Biochemistry and Molecular Biology occupies 36,700 square feet on the fourth floor of the Bowen Science Building, 3,500 square feet on the third floor of the Medical Education Research Facility, 2,000 square feet in the Eckstein Medical Research Building, and 1,450 square feet on the fourth floor of the Pappajohn Biomedical Discovery Building in the Fraternal Order of Eagles Diabetes Research Center on the university's health sciences campus. It has a number of well-equipped research laboratories and other departmental facilities, including the Biochemistry Stores, the Mattill Biochemistry Reading Room, and the Heath Conference Room.

The department makes available a number of shared instruments, including an Applied PhotoPhysics stopped flow spectrometer SX20; a Jasco spectropolarimeter, model J815; a Horiba fluorlog-3 spectrofluorometer; and a Beckman Coulter ultra XLI analytical centrifuge.

Faculty, staff, and students in the department have access to a variety of shared Carver College of Medicine resources, including the Protein Crystallography Facility, the Iowa Institute of Human Genetics Genomics Division (DNA Facility), the Nuclear Magnetic Resonance Facility, the Proteomics Facility, the Flow Cytometry Facility, the Viral Vector Core Facility, the Small Animal Imaging Core Facility, and the Genome Editing Facility. The university also supports resources such as the Central Microscopy Research Facilities and the High Throughput Screening Facility.