

Molecular and Cell Biology Core Facility

The Camden Molecular and Cell Biology Core Facility is located in Room 213 on the second floor of the E&R Building on the Camden Campus. It houses an Applied Biosystems 7900HT Fast Real Time PCR System, an Applied Biosystems 1700 Expression Array System, a GE Typhoon Laser Scanner, a GE Imagequant 300 CCD Camera, a NanoDrop spectrophotometer, and a BioRad Experion automatic electrophoresis system for quality control applications.

Users are encouraged to discuss their experiments with either Dr. Keen or Dr. Melera in order to determine the most beneficial use of the Core for their specific needs and for advice on sample preparation, data collection and analysis etc.

The facility is available to all UMDNJ faculty members, Cooper University personnel, members of the Coriell Institute, Rutgers, The State University of New Jersey–Camden faculty and private industry on a fee for service basis.

Services and Pricing

Real Time PCR:

YBR PCR:	\$65 per plate (academic rate) \$80 per plate (outside academic rate) \$100 per plate (non-academic rate)
Tag PCR:	\$80 per plate (academic rate) \$95 per plate (outside academic rate) \$125 per plate (non-academic rate)
Taq RT-PCR:	\$130 per plate (academic rate) \$155 per plate (outside academic rate) \$200 per plate (non-academic rate)
User Fee:	\$15 per run (academic rate) \$18 per run (outside academic rate) \$23 per run (non-academic rate)

Typhoon Laser Scanner:

User Fee:	\$15 per 30 minutes (academic rate) \$18 per 30 minutes (outside academic rate) \$23 per 30 minutes (non-academic rate)
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Expression Array System:

Data collection and Analysis	\$700 per run (academic rate) \$750 per run (outside academic rate) \$800 per run (non-academic rate)
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**UMDNJ-
Robert Wood
Johnson Medical
School - Camden**

Directors of Facility:

*The facility is managed by
Judy Keen, PhD
Assistant Professor of
Medicine, RWJMS*

*Administrative oversight
Peter W. Melera, PhD
Professor of Medicine at
RWJMS and Associate Dean
for Research on the Camden
campus*

Primary Contact:

*Judy Keen, PhD
Assistant Professor
of Medicine*

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[http://www4.umdnj.edu/
jklabweb/index.htm](http://www4.umdnj.edu/jklabweb/index.htm)

Hours of Operation:

Monday – Friday
8:00 A.M. – 6:00 P.M.
The facility is closed on
all official holidays.