

Bethany L. Yost

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Temporary Address
7074 Ducketts Ln. 203
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EDUCATION

University of Maryland, Baltimore County
Bachelor of Science, Biological Sciences. May 1996
Minor in Psychology

Chesapeake High School, Pasadena, MD
June, 1991

EXPERIENCE

Johns Hopkins Medical School, Baltimore, MD
Head Laboratory Technician, Pulmonary Division
David Jacoby, M.D., Principal Investigator.
May, 1993 to present
Investigation of neuronal inhibitory M2 muscarinic receptor
function and airway inflammation.
Primary culture of post-ganglionic parasympathetic nerves
from guinea pig airways (in press).
Isolation and purification of M2 receptor RNA and
amplification by competitive PCR.
Embedded whole lung tissue in paraffin, cut and prepared
serial sections.
Managed grant budget for laboratory.

SKILLS

Laboratory animal experience including sensitization, viral
infections, some surgery and harvesting of tissues for
further study.
Maintenance of primary and secondary cell culture.
Molecular biology experience includes SDS-PAGE, RNA
extraction, radiolabelling, and competitive PCR.
Biochemical experience includes both saturation and
competitive receptor binding studies, serial dilutions, ion
exchange and gas chromatography, immunoprecipitation,
ELISA, distillation and organic extractions.

ACTIVITIES

President, Biology Council of Majors
Tutor, Anne Arundel County Literacy Council
Member, UMBC Ambassadors