

Iris B. Bishins

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EDUCATION

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Bachelor of Science, Cell Biology/Biochemistry, Bucknell University, Lewisburg, PA, Expected May 2025

Minor, Visual Arts, Bucknell University, Lewisburg, PA, Expected May 2025

RESEARCH EXPERIENCE

Research Assistant, Undergraduate Research, Bucknell University, Lewisburg, PA, September 2024 - Present

Examined Internal Ribosome Entry Site (IRES) that controls infection by the Deformed wing virus in bees (DWV), Constructed plasmids to isolate IRES and Transformed the plasmid into insect cells. Advisor: Dr. Marie C. Pizzorno. Department Of Cell Biology/Biochemistry

Anesthesia Research Assistant, Beth Israel Deaconess Medical Center, Boston, MA, Jun 2025 - Aug 2025

Utilize immunohistology techniques to examine effects of induced hypersoxia on various organs of mice. Western blot to determine effects of ADA2 on Adenosine Oligos.

PI: Dr. Simon Robson. Department of Internal Medicine

PRESENTATIONS

Effects of ADA2 on Adenosine Oligos In Vitro. Presented at an interdepartmental meeting

REFERENCES

Marie C. Pizzorno, Ph.D.

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Direction of Cell Biology/Biochemistry Bucknell University, One Dent Drive,
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Simon C. Robson, MD, PhD.

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Division of Gastroenterology/Liver Center, Beth Israel Deaconess Medical Center,
Boston, MA