

# Ashley Braddom

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## EDUCATION

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PhD	Current	University of Texas Health San Antonio, San Antonio TX Integrated Biomedical Sciences Program
Bachelor of Science	2018	The Ohio State University, Columbus OH Molecular Genetics with honors in the arts and sciences and honors research distinction

## HONORS AND AWARDS

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Eminence Fellowship	2014-2018	The Ohio State University Full tuition merit scholarship for undergraduate study
Pelotonia Undergraduate Fellowship	2016-2017	\$12,000 The Ohio State University Project: Anti-NCL scFv as a new tool for skin cancer therapy
OUR&CI Summer Research Award	Summer 2017	\$3,500 The Ohio State University Project: Human-bat interactions in Iringa, Tanzania
Allan R. Millet Study Abroad Scholarship	Summer 2017	\$1,500 The Ohio State University Department of History

## PUBLICATIONS

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D'Avino C, Palmieri D, **Braddom A**, Zanesi N, James C, Cole S, Salvatore F, Croce C, De Lorenzo C. A novel fully human anti-NCL immunoRNase for triple-negative breast cancer therapy. *Oncotarget*. 2016; 7: 87016-30

- Contributions: expression and purification of recombinant proteins, fluorescence activated cell sorting, cell ELISA, assistance with *in vivo* experiments, Western blots, Real-Time PCRs

Palmieri D, Scarpa M, Tessari A, Uka R, Amari F, Lee C, Richmond T, Sheetz T, **Braddom A**, Burd C, Parvin J, Ludwig T, Croce C, and Coppola V. Ran Binding Protein 9 (RanBP9) is a novel mediator of cellular DNA damage response in lung cancer cells. *Oncotarget*. 2016; 7: 18371-83.

- Contributions: Western blots and Real-Time PCRs

## POSTER PRESENTATIONS

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**Braddom A**, Richmond T, Sheetz T, Reese E, Tessari A, Burd C, De Lorenzo C, Martin E Jr, Coppola V, Tweedle M, Oberyszyn T, Croce C, Palmieri D. "Nucleolin-targeting in melanomas." Proceedings of the AACR-NCI-EORTC International Conference: Molecular Targets and Cancer Therapeutics; 2015 Nov 5-9; Boston, MA.

**Braddom A**, Richmond T, Sheetz T, Reese E, Tessari A, Burd C, De Lorenzo C, Martin E Jr, Coppola V, Tweedle M, Oberyszyn T, Croce C, Palmieri D. “*Nucleolin-targeting in melanomas.*” OSUCCC Translational Therapeutics Program Retreat; 2015 Oct 31; Columbus, OH.

**Braddom A**, Sheetz T, Tessari A, Burd C, Martin Jr. E, Coppola V, Oberyszyn T, Croce C, Hitchcock C, Tweedle M, Palmieri D. “*Anti-NCL scFv as a new tool for skin cancer therapy.*” The Ohio State University Denman Undergraduate Forum; 2016 March 23; Columbus, OH.

**Sheetz T**, Mills J, Tessari A, Foray C, Embrione V, **Braddom A**, Pawlikowski M, Parbhoo K, Palmieri D, Coppola V, Croce C. “*Targeting nucleolin to inhibit microRNA biogenesis and investigate a novel androgen receptor expression pathway in prostate cancer.*” OSUWMC Trainee Research Day; 2017 April 13; Columbus, OH.

**Embrione V**, Foray C, Tessari A, Sheetz T, **Braddom A**, Parbhoo K, Mills J, Pawlikowski M, Palmieri D, Coppola V, Croce C. “*Optimization of human anti-NCL immunoagents for cancer therapy.*” OSU Life Sciences Interdisciplinary Graduate Programs Symposium; 2017 May 23; Columbus, OH.

**Braddom A**. “*Human-bat interactions in Iringa, Tanzania.*” Undergraduate Fall Research Forum; 2017 Sept 14; Columbus, OH.

**Braddom A**, Parbhoo K, Mills J, Pawlikowski M, Tessari A, Burd C, Toland A, Oberyszyn T, Coppola V, Croce CM and Palmieri D. “*Nucleolin regulation and targeting in skin cancer.*” The Ohio State University Denman Undergraduate Forum; 2018 April 3; Columbus, OH.

## **RESEARCH EXPERIENCE**

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### **Coppola Lab**, The Ohio State University, Columbus OH

June 2015 – June 2018

- Involved in the study of nucleolin in breast cancer and skin cancer
- Independently plan and complete experiments
- Supervise and assist in training undergraduate volunteers

### **Honors Undergraduate Research Thesis**, The Ohio State University, Columbus OH

August 2017 – April 2018

- Title: Nucleolin Regulation and Targeting in Skin Cancers
- Independent planning and completion of experiments, writing and defense of thesis in accordance with OSU undergraduate thesis requirements

### **Human-Bat Interactions**, Ruaha Catholic University, Iringa Tanzania

June 2017

- Title: Human-Bat Interactions in Iringa, Tanzania
- Independently conducted study investigating the interactions between humans and bats in Iringa, Tanzania as a way to characterize the risk of disease transmission during a 4 week study abroad course