KANITA A. CHAUDHRY

CURRICULUM VITAE

CAMPUS ADDRESS
Department of Cell Stress Biology
Center for Genetics and Pharmacology
Elm & Carlton Streets
Roswell Park Comprehensive Cancer Center
Buffalo, NY 14263
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EDUCATION

2016-2025	M.D., Ph.D. Medicine Cancer Sciences	University at Buffalo Jacobs School of Medicine Roswell Park Comprehensive Cancer Center Buffalo, NY
2009-2013	B.S. Biochemistry *Magna cum laude*	University of Vermont Burlington, VT

PROFESSIONAL EXPERIENCE

2018-2023 Pre-Doctoral Fellow, Roswell Park Graduate Division
Department of Cell Stress Biology
Roswell Park Comprehensive Cancer Center, Buffalo, NY
Mentor: Anna Bianchi-Smiraglia, Ph.D.
Novel Tumor-Promoting Functions of the Aryl Hydrocarbon Receptor

2015-2016 Research Assistant
Department of Chemistry and Biochemistry
University of Toledo, Toledo, OH
Mentor: Max Funk, Ph.D.
Determining the Redox Properties of the Mitochondrial Protein, mitoNEET

2013-2015 NIH Post-Baccalaureate Research Fellow
Laboratory of Cell and Molecular Biology, NIDDK
National Institutes of Health, Bethesda, MD
Mentors: Deborah Hinton, Ph.D.
Investigating Mechanisms of Transcriptional Regulation in *B. pertussis*

2009-2013 Undergraduate Researcher
Department of Chemistry
University of Vermont, Burlington, VT
Mentor: Dwight Matthews, Ph.D.
A Method to Quantify Phosphorylation of Cardiac Contractile Proteins

2012 Summer Undergraduate Research Fellow
Laboratory of Neurobiology
Rockefeller University, New York, NY
Mentor: Charles Gilbert, Ph.D.
Genetic Engineering an AAV to Label Parvalbumin Neurons

2011 Gene Therapy/Molecular Biology Summer Undergraduate Research Fellow
Department of Physiology
University of Pennsylvania, Philadelphia, PA
Mentor: J. Kevin Foskett, Ph.D.
Determining Interactions of the CALHM Ion Channel Protein Homologs

2010 Summer Undergraduate Researcher
Department of Microbiology and Molecular Genetics
University of Vermont, Burlington, VT
Mentor: Cedric S. Wesley, Ph.D.
Investigating Notch and Delta Proteins in *Drosophila* Development

2008-2009 High School Researcher
Vermont EPSCoR Streams Project
Department of Biology
University of Vermont, Burlington, VT
Mentor: Judith Epstein, Ph.D.
Investigating Biophysical Effects of Streams on Lake Champlain

2007-2008 High School Researcher
Department of Chemistry
University of Vermont, Burlington, VT
Mentor: Rory Waterman, Ph.D.
Synthesizing and Characterizing Dikitiminate

RESEARCH INTERESTS

1. Investigation of the aryl hydrocarbon receptor (AhR) as a novel therapeutic target that regulates neuroblastoma differentiation
2. Identification of tryptophan 2,3-dioxygenase (TDO2) as a potential novel therapeutic target in multiple myeloma
3. Application of clofazimine (CLF), an FDA-approved anti-leprosy antibiotic and AhR antagonist, as a novel therapy in neuroblastoma and multiple myeloma systems

AWARDS AND FELLOWSHIPS

2023	Office of Biomedical Education Graduate Student Travel Award, $325, University at Buffalo, Buffalo, NY
2023	Advances in Neuroblastoma (ANR) Meeting Special Grant, € 275, Amsterdam, Netherlands
2022	Kate Amato Foundation Pediatric Cancer Innovation Grant, $50,000
2022	Finalist (Top 5/1150 abstracts), American Medical Association Research Challenge
2022	Conference Travel Grant, University at Buffalo Graduate Student Association, Buffalo, NY
2022	Beverly Petterson Bishop and Charles W. Bishop Neuroscience Travel Award, University at Buffalo, Jacobs School of Medicine, Buffalo, NY
2021	Top Oral Presentation Award, Virtual Sigma Xi Annual Meeting and Student Research Conference, Research Triangle, NC
2019-2021	NIH T32 Training Grant Fellowship, Department of Immunology, Roswell Park Comprehensive Cancer Center, Buffalo, NY
2019	Mark Diamond Research Fund Grant, University at Buffalo, Buffalo, NY
2019	ThermoFisher Travel Award, 22nd Annual Upstate NY Immunology Conference, Cooperstown, NY
2015	NIH Outstanding Poster Award, NIH Postbac Poster Day, Bethesda, MD
2014	NextGen VOICES Top Online Essay, Science Magazine
2013-2015	NIH Post-Baccalaureate Intramural Research Training Award, Bethesda, MD
2013	*Magna cum laude* (Top 1.5% Class Rank), University of Vermont, Burlington, VT
2013	College Honors, Honors College Thesis Graduate, College of Arts in Sciences, University of Vermont, Burlington, VT
2013	Phi Beta Kappa, University of Vermont, Burlington, VT
2013	Robert Woodworth Award, Top Graduating Senior in Biochemistry, Department of Biochemistry, University of Vermont, Burlington, VT
2012	Summer Undergraduate Research Fellowship, Rockefeller University, New York, NY
2011	Barry M. Goldwater Scholarship and Excellence in Education Foundation Honorable Mention, Saint Peter, MN
2011	Undergraduate Research Endeavors Competitive Award, University of Vermont, Burlington, VT
2011	Gene Therapy/Molecular Biology Summer Undergraduate Research Fellowship, University of Pennsylvania, Philadelphia, PA
2010	Mortar Board Honor Society Sophomore Award for Scholarship, Leadership, and Service, University of Vermont, Burlington, VT
2010	ALANA Outstanding Sophomore Academic Achievement Award, University of Vermont, Burlington, VT
2009	Vermont NASA Space Grant Consortium Undergraduate Scholarship, University of Vermont, Burlington, VT
2009	Undergraduate Research Mini-Grant Award, University of Vermont, Burlington, VT
2009	Society of Women Engineers Award, University of Vermont, Burlington, VT
2009	Patrick Scholarship, University of Vermont, Burlington, VT
2009	AP Scholar Award
2009-2013	Dean's List, all academic semesters, University of Vermont, Burlington, VT

PROFESSIONAL MEMBERSHIPS

2023-present	American Society of Pediatric Hematology/Oncology
2023-present	American Academy of Pediatrics
2022- present	Association for Women in Science
2021- present	Graduate Women in Science
2021- present	Sigma Xi Scientific Research Society
2021- present	American Association for Cancer Research
2016- present	American Physician Scientists Association
2016- present	American Medical Association
2013- present	Phi Beta Kappa, Alpha Chapter of Vermont
2019- 2020	American Association of Immunologists
2018- 2019	American Association for the Advancement in Science

PROFESSIONAL DEVELOPMENT

Techniques & Analysis for Cancer Sciences (TACS) Teaching Conference (**organizer and moderator*): Creating Effective Scientific Presentations: Slide Design and Beyond, April 17, 2023, Roswell Park Comprehensive Cancer Center, Buffalo, NY

Techniques & Analysis for Cancer Sciences (TACS) Teaching Conference *(**organizer and moderator*): Didactic Instruction: Evaluating Lecture Quality and Retention, April 25, 2022, Roswell Park Comprehensive Cancer Center, Buffalo, NY

Faculty Development Seminar, Brown Bag Lunch Series, Responding to Grant Critiques; the Do and Don'ts. April 14, 2022, Roswell Park Comprehensive Cancer Center, Buffalo, NY

Nature Research Academies Workshop, Getting Published: Effectively Communicating Your Research, April 12, 2019, Roswell Park Comprehensive Cancer Center, Buffalo, NY

NIH Academy Health Disparities Certificate Program, 2014, National Institutes of Health, Bethesda, MD

PROFESSIONAL ACTIVITIES

2023-present	Volunteer, AHEC Student Health Internship Program, Buffalo, NY
2023-present	American Medical Association Research Challenge Advisory Committee
2023-present	Mentor, Jericho Road High School Internship Experience, Jacobs School of Medicine, Buffalo, NY
2022-2023	Co-Leader, Buffalo Health Exploration Research Day, Roswell Park Comprehensive Cancer Center, Buffalo, NY
2022-2023	Course Co-Coordinator, *RPG599: Techniques & Analyses for Cancer Sciences (TACS)* Course, Roswell Park Comprehensive Cancer Center, Buffalo, NY
2022	Teaching Assistant, *RPG501*: *Integrated Cancer Sciences I* Course, Roswell Park Comprehensive Cancer Center, Buffalo, NY

2021	Mentor, Undergraduate Summer Student, R25 College Research Experience Program, Roswell Park Comprehensive Cancer Center, Buffalo, NY
2020-2023	Lecturer, *RPG599: Techniques & Analyses for Cancer Sciences (TACS)* Course, Roswell Park Comprehensive Cancer Center, Buffalo, NY
2017-present	Student Interviewer, MD and MD/PhD Admissions Committee, Jacobs School of Medicine, Buffalo, NY
2018-2019	Treasurer, University at Buffalo MD/PhD Graduate Student Association, Jacobs School of Medicine, Buffalo, NY
2018	Reviewer, Mark Diamond Research Fund Review Council, University at Buffalo, Buffalo, NY
2017-2018	President, Internal Medicine Interest Group, Jacobs School of Medicine, Buffalo, NY
2016-2017	Mentor, Prospective MD/PhD Students, American Physician Scientists Association, Westford, MA
2016-present	Member, DoctHERS Women in Medicine and Science Leadership Network, University at Buffalo, Buffalo, NY
2015	Member, Scientific Editorial Board, NIH Fellows Program, National Institutes of Health, Bethesda, MD
2014-2015	Co-Chair, NIH Postbac Seminar Series, National Institutes of Health, Bethesda, MD
2012-2013	Pre-Health Peer Mentor, University of Vermont, Burlington, VT
2010-2013	Pre-Medical Enhancement Program, University of Vermont, Burlington, VT

PUBLICATIONS

1. Wesley, C.S., Guo, H., **Chaudhry, K.A.**, Thali, M.J., Yin, J.C., Clason, T., Wesley, U.V. (2011). Loss of PTB or Negative Regulation of Notch mRNA Reveals Distinct Roles of Notch and Actin Protein Accumulation in Drosophila Embryo. *PLoS ONE* 6(7): e21876.

2. Kim, D., Tracey, J., Flores, M.B., **Chaudhry, K.**, Nasim, R., Correa-Media A., Moon, K., Knipling, K., Chen, Q., Stibitz, S., Jenkins, L.M., Cardozo, T., Hinton, D.M. (2022). Conformational Change of the *Bordetella* Response Regulator BvgA Accompanies Its Activation of the *B. pertussis* Virulence Gene *fhaB*. *Computational and Structural Biotechnology Journal*, 20, 6431-6442.

3. **Chaudhry, K.A.**, Jacobi, J.J., Gillard, B.M., Karasik, E., Martin, J.C., Fernandes, T.D., Hurley, E., Feltri, M.L., Atwood, K.M., Twist, C.J., Smiraglia, D.J., Long, M.D., Bianchi-Smiraglia, A. (2023). Aryl Hydrocarbon Receptor is a Tumor Promoter in *MYCN*-Amplified Neuroblastoma Cells Through Suppression of Differentiation. *iScience*, 26(11):108303.

4. Martin, J.C., Fernandes, T.D., **Chaudhry, K.A**., Takabe, K., Rosario, S.R., Bianchi-Smiraglia A. (2024) The Aryl Hydrocarbon Receptor (AhR) Suppresses PARPi-Induced STING-Mediated Type I IFN Expression in BRCA1-Deficient Triple-Negative Breast Cancer. *Scientific Reports,* 14(1):5731.

5. **Chaudhry, K.A.** and Bianchi-Smiraglia A. (2024) The Aryl Hydrocarbon Receptor (AhR) as a Tumor Modulator: Mechanisms to Therapy. *Frontiers in Oncology. Under Review.*

6. Fernandes, T.D., Martin, J.C., **Chaudhry, K.A**., Gillard, B.M., Dai, T., George, A., Attwood, K.M., Dasgupta, S., Takabe, K., Rosario, S.R., Bianchi-Smiraglia, A. (2024) Inosine Monophosphate Dehydrogenase Contributes to Therapy Resistance in Triple Negative Breast Cancers. *In Preparation.*

7. **Chaudhry, K.A**., Zollo, R., Tzetzo, S.L., Morreale, B.M., Nemeth, M., Smith, J., Kokolus, K. Development of a Novel Techniques & Analyses Course for Cancer Biology Graduate Students. (2025) *In Preparation.*

ORAL PRESENTATIONS & INVITED LECTURES

1. **Chaudhry, K.A.** Exploiting Aryl Hydrocarbon Receptor (AhR) Inhibition as a Novel Therapeutic Strategy in *MYCN*-Amplified Neuroblastoma. Tri-Institutional MD/PhD Conference. October 28, 2023. Syracuse, NY.

2. **Chaudhry, K.A.** AhR is a Tumor Promoter in *MYCN*-Amplified Neuroblastoma Cells Through Suppression of Differentiation. Cell Stress and Cancer Genetics Seminar Series. April 14, 2023. Buffalo, NY.

3. **Chaudhry, K.A.** Aryl Hydrocarbon Receptor (AhR) is a Novel Therapeutic Target in *MYCN*-Amplified Neuroblastoma. American Physician Scientists Association (APSA) Northeast Regional Meeting. March 4, 2023. Boston, MA.

4. **Chaudhry, K.A**. Exploiting Aryl Hydrocarbon Receptor (AhR) Inhibition as a Novel Therapeutic Strategy in *MYCN*-Amplified Neuroblastoma. Pediatric Translational Research Group. February 14, 2023. Buffalo, NY.

5. **Chaudhry, K.A.** AhR as a Novel Therapeutic Target in *MYCN*-Amplified Neuroblastoma. BURROW MD/PhD Conference. October 22, 2022. Rochester, NY.

6. **Chaudhry, K.A.** AhR as a Novel Therapeutic Target in Neuroblastoma. AhR Symposium 2022: Toxicity to Therapeutics. June 22, 2022. University Park, PA. *(*one of 6 talks selected from 37 posters, including faculty and post-docs)*

7. **Chaudhry, K.A.** The Aryl Hydrocarbon Receptor (AhR) Regulates Neuroblastoma Differentiation. 3rd International Conference on Cell and Experimental Biology. April 19, 2022. Boston, MA.

8. **Chaudhry, K.A.** A Novel Tumor-Promoting Role for the Aryl Hydrocarbon Receptor in Neuroblastoma. Cell Stress and Cancer Genetics Seminar Series. March 18, 2022. Buffalo, NY.

9. **Chaudhry, K.A**. A Novel Tumor Promoting Role for the Aryl Hydrocarbon Receptor in Neuroblastoma. Graduate Women in Science Research Seminar. March 14, 2022. Virtual.

10. **Chaudhry, K.A**. AhR as a Novel Therapeutic Target in Neuroblastoma. Sigma Xi Annual Meeting and Student Research Conference. November 7, 2021. Virtual.

11. **Chaudhry, K.A.** AhR-Mediated Regulation of Multiple Myeloma Cell Survival and Proliferation. Department of Immunology Student Seminar. November 3, 2020. Buffalo, NY.

12. **Chaudhry, K.A.** AhR-Mediated Regulation of Multiple Myeloma Survival and Proliferation. MD/PhD Seminar. September 22, 2020. Buffalo, NY.

13. **Chaudhry, K.A.** The Role of the Aryl Hydrocarbon Receptor in Multiple Myeloma. Department of Immunology Student Seminar. March 10, 2020. Buffalo, NY.

14. **Chaudhry, K.A**. The Role of AhR in Multiple Myeloma Cell Survival. Translational Research Cancer Centers Consortium. March 6, 2020. Seven Springs, PA.

15. **Chaudhry, K.A**. AhR-Mediated Regulation of Multiple Myeloma Survival. Upstate New York Immunology Conference. October 28, 2019. Cooperstown, NY.

16. **Chaudhry, K.A**. The Pro-Survival Role of the Aryl Hydrocarbon Receptor in Multiple Myeloma. Translational Research Cancer Centers Consortium. February 14, 2019. Seven Springs, PA.

17. **Chaudhry, K.A.** The Pro-Survival Role of AhR in Multiple Myeloma. Department of Immunology Qualifying Exam Seminar. June 19, 2019. Buffalo, NY.

18. **Chaudhry, K.A**. mitoNEET. University of Toledo Department of Chemistry. July 15, 2016. Toledo, OH.

19. **Chaudhry, K.A**. Determining the Transcriptional Complex Architecture of the *Bordetella pertussis* Response BvgA at the Promoter for the Fimbrial Gene *fim3*. NIH Laboratory of Cell and Molecular Biology Seminar. May 6, 2015. Bethesda, MD.

20. **Chaudhry, K.A**. Investigating BvgA Transcriptional Complex Architecture at P_{fim3} by Crosslinking. NIH Laboratory of Cell and Molecular Seminar. May 14, 2014. Bethesda, MD.

21. **Chaudhry, K.A**. Investigating the Transcriptional Complex Architecture of the *B. pertussis* Response Regulator BvgA at the Promoter for the Fimbrial Gene *fim3*. NIDDK Fellows Conference. April 23, 2014. Bethesda, MD.

22. **Chaudhry, K.A**. Investigating BvgA Complex Architecture at P_{fim3} by Crosslinking. NIH Vegetable Data Club Seminar Series. March 6, 2014. Bethesda, MD.

23. **Chaudhry, K.A**. Quantification of Site-Specific Phosphorylation in Cardiac Contractile Proteins by Mass Spectrometry. University of Vermont College of Arts and Sciences Honors Thesis Defense. May 3, 2013. Burlington, VT.

24. **Chaudhry, K.A**. Determining the Protein-Protein Interactions Among CALHM Homologs. University of Pennsylvania Summer Undergraduate Research Program Symposium. August 10, 2011. Philadelphia, PA.

25. **Chaudhry, K.A.**, Frisbie, D., Strack, S. Munroe Brook Water Quality: A Chemical and Biological Assessment of Two Shelburne Sites. Vermont EPSCoR 1st Annual Research Symposium. April 27, 2009. Burlington, VT.

POSTER PRESENTATIONS

1. Reinke, J.G., **Chaudhry, K.A**., Carlson, L., Petrusca, D., Peng, P., Lee, K.P. Novel Pro-Survival Role of Tryptophan 2,3 Dioxygenase 2 in Multiple Myeloma. International Myeloma Society 20th Annual Meeting and Exposition. September 27-30, 2023. Athens, Greece.

2. **Chaudhry, K.A.**, Jacobi, J.J., Gillard, B.M., Long, M.D., Twist, C.J., Smiraglia, D.J., Bianchi-Smiraglia, A. Aryl Hydrocarbon Receptor (AhR) is a Tumor Promoter in *MYCN*-Amplified Neuroblastoma via Suppression of Differentiation. Advances in Neuroblastoma (ANR) Meeting. May 15-18, 2023. Amsterdam, Netherlands.

3. **Chaudhry, K.A.**, Jacobi, J.J., Gillard, B.M., Karasik, E., Atwood, K.M., Smiraglia, D.J., Long, M.D., Bianchi-Smiraglia, A. Aryl Hydrocarbon Receptor is a Novel Therapeutic Target in *MYCN*-Amplified Neuroblastoma. University at Buffalo Celebration of Student Academic Excellence. April 26, 2023. Buffalo, NY.

4. **Chaudhry, K.A.**, Jacobi, J.J., Gillard, B.M., Karasik, E., Atwood, K.M., Smiraglia, D.J., Long, M.D., Bianchi-Smiraglia, A. Exploiting Aryl Hydrocarbon Receptor Inhibition as a Novel Therapeutic Strategy in *MYCN*-Amplified Neuroblastoma. AAP/ASCI/APSA Joint Meeting. April 22, 2023. Chicago, IL.

5. **Chaudhry, K.A**. and Bianchi-Smiraglia, A. AhR as a Novel Therapeutic Target in Neuroblastoma. AhR Symposium 2022: Toxicity to Therapeutics. June 20-23, 2022. University Park, PA.

6. **Chaudhry, K.A.,** Wombacher, B.M., Bianchi-Smiraglia, A. AhR as a Novel Therapeutic Target in Neuroblastoma. Sigma Xi Annual Meeting and Student Research Conference. November 7, 2021. Virtual.

7. Beecher, C.B., **Chaudhry, K.A**., Bianchi-Smiraglia, A. AhR as a Novel Target for Neuroblastoma Treatment. Roswell Park Comprehensive Cancer Center Summer Research Symposium. August 13, 2021. Buffalo, NY.

8. **Chaudhry, K.A**., Lightman, S.M., Lee, K.P. AhR-Mediated Regulation of Multiple Myeloma Survival. Annual Upstate New York Immunology Conference. October 28, 2019. Cooperstown, NY.

9. **Chaudhry, K.A**., Lightman, S.M., Lee, K.P. AhR-Mediated Regulation of Multiple Myeloma Survival. Tri-Institutional MD/PhD Research Day. October 12, 2019. Buffalo, NY.

10. **Chaudhry, K.A**., Lightman, S.M., Lee, K.P. The Pro-Survival Role of AhR in Multiple Myeloma. Medical Scientist Research Symposium. April 5, 2019. Rochester, NY.

11. **Chaudhry, KA**., Rajanayake, K., Isailovic, D., Funk, M. Ammonium Dithioine as a Reagent for Investigating Redox Properties Using Electrospray Ionization Mass Spectrometry. Enzymes, Coenzymes, and Metabolic Pathways Gordon Research Conference. July 25, 2016. Waterville Valley, NH.

12. **Chaudhry, K.A.**, Moon, K., Chen, Q., Stibitz, S., Hinton, D.M. Determining the Transcriptional Complex Architecture of the *Bordetella pertussis* Response Regulator BvgA at the Promoter for the Fimbrial Gene *fim3*. NIH Postbac Poster Day. April 30, 2015. Bethesda, MD.

13. **Chaudhry, K.A**., Moon, K., Chen, Q., Stibitz, S., Hinton, D.M. Determining the Transcriptional Complex Architecture of the *Bordetella pertussis* Response Regulator BvgA at the Promoter for the Fimbrial Gene *fim3*. NIDDK Fellows Scientific Conference. Bethesda, MD. April 20, 2015.

14. Eaglesham, J.B., **Chaudhry, K.A**., Moon, K., Hinton, D.M. Mapping the Interactions Between Photocrosslinkable Mutants of a Bordetella Virulence Gene Regulator and RNA Polymerase. NIH Summer Poster Day. August 7, 2014. Bethesda, MD.

15. **Chaudhry, K.A.**, Moon, K., Chen, Q., Stibitz, S., Hinton, D.M. Unraveling *Bordetella pertussis* Transcriptional Complex Architecture by Crosslinking. NIH Postbac Poster Day. May 1, 2014. Bethesda, MD.

16. **Chaudhry, K.A**., Marik, S.A., Dubow, J.W., Gilbert, C.D. A Method to Label Parvalbumin Neurons for Longitudinal *In Vivo* Studies. Rockefeller University Summer Undergraduate Research Fellowship Symposium. August 11, 2012. New York, NY.

17. **Chaudhry, KA**., Nukareddy, P., Stringer K., Tremble, S., Jennings, M.E., Matthews, D.E. A Method to Isolate Cardiac Troponin I and Myosin Binding Protein-C for Mass Spectrometry Analysis. University of Vermont Student Research Conference. April 19, 2012. Burlington, VT.

OTHER PUBLICATIONS

Chaudhry, K.A. Quantification of Site-Specific Phosphorylation in Cardiac Contractile Proteins by Mass Spectrometry [senior thesis]. 2013. University of Vermont, Burlington, VT.

TEACHING EXPERIENCE

Course:	*RPG 501*: *Integrated Cancer Sciences I (ICS I)*, Roswell Park Comprehensive Cancer Center, Fall 2022 semester
Level:	First-Year Graduate Students (G1)
Responsibilities:	Teaching Assistant; host review sessions; grade quizzes

Course:	*RPG 599*: *Techniques & Analyses for Cancer Sciences (TACS)*, Roswell Park Comprehensive Cancer Center, Fall 2020 and Fall 2021 semesters
Level:	First-Year Graduate Students (G1)
Responsibilities:	Course Co-Coordinator; developed syllabus, organized course content, recruited student lecturers; took attendance; organized teaching conference; critiqued student lecture content

Course:	*RPG 599*: *Techniques & Analyses for Cancer Sciences (TACS)*, Roswell Park Comprehensive Cancer Center, Fall 2022 semester
Level:	First-Year Graduate Students (G1)
Responsibilities:	Lecturer; taught students theory of ELISA and cell cycle/proliferation assays

GRANT SUPPORT

Funded:

Kate Amato Foundation Pediatric Cancer Innovative Research Grant 12/12/22-12/12/23
Title: Exploiting Aryl Hydrocarbon Receptor Inhibition as a Novel Therapeutic Strategy in *MYCN*-Amplified Neuroblastoma
Role: PI (Pre-Doctoral Fellow)
Amount: $50,000

NIH T32 55-6507-018 8/1/19-8/31/21
Roswell Park Comprehensive Cancer Center
Department of Immunology
Role: Pre-Doctoral Fellow

Mark Diamond Research Fund Award FA-19-05 11/1/19-10/31/20
University at Buffalo
Title: The Role of AhR in Multiple Myeloma Survival
Role: PI (Pre-Doctoral Fellow)
Amount: $3,000

Not Funded:

NIH F31 CA275224-01 7/1/22-6/30/24

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Pre-Doctoral Fellowship
Title: AhR as a Novel Therapeutic Target in Neuroblastoma
Impact Score: 26
Percentile: 19
Role: PI (Pre-Doctoral Fellow)

DOD Horizon Award CA191182 12/1/19-12/1/21
Peer Reviewed Cancer Research Program
Title: AhR-Mediated Regulation of Multiple Myeloma Survival
Score: 6.5
Role: PI (Pre-Doctoral Fellow)

Sigma Xi Grants in Aid of Research 12/22/22-12/22/23
Title: The Aryl Hydrocarbon Receptor as a Novel Therapeutic Target to Overcome Retinoic Acid Resistance in Neuroblastoma
Role: PI (Pre-Doctoral Fellow)