

Marcus Andrew Weinman

Email: Marcus.Weinman@uvm.edu

Education

University of Vermont
PhD in Cellular and Molecular Biosciences
Burlington, Vermont
August 2019 - Present

Oregon State University
Masters of Science in Comparative Health Sciences
Corvallis, OR
September 2017 – June 2019

Honors Bachelor of Science in Microbiology
Minors in Chemistry and Spanish
September 2011 – June 2015

Teaching Experience

University of Vermont
Graduate Teaching Assistant (Microbiology)
Burlington, Vermont
August 2019 – December 2020

Oregon State University
Graduate Teaching Assistant (Immunology, Parasitology, Virology)
Corvallis, OR
April 2018 – June 2019

Undergraduate Teaching Assistant (Microbiology)
September 2014 – June 2015

Research Experience

University of Vermont, Cellular and Molecular Biosciences
Graduate Research Assistant
Burlington, Vermont
August 2019 - Present

Oregon State University, College of Veterinary Medicine
Department of Biomedical Sciences & Clinical Sciences
Graduate Research Assistant
Corvallis, OR
September 2017 – 2019

Oregon State University, College of Veterinary Medicine
Department of Biomedical Sciences & Clinical Sciences
Undergraduate Research Assistant
Corvallis, OR
July 2012 – June 2015

Scientific Publications

Weinman, M.A., Ramsey, S.A., Leeper, H.J. et al. Exosomal proteomic signatures correlate with drug resistance and carboplatin treatment outcome in a spontaneous model of canine osteosarcoma. *Cancer Cell Int* 21, 245 (2021). <https://doi.org/10.1186/s12935-021-01943-7>

Weinman, M.A., Fischer, J.A., Jacobs, D.C. et al. Autocrine production of reproductive axis neuropeptides affects proliferation of canine osteosarcoma in vitro. *BMC Cancer* 19, 158 (2019). <https://doi.org/10.1186/s12885-019-5363-4>

Marcus Weinman, Cheri Goodall, Samantha Wickramasekara, Claudia Maier, Shay Bracha. "NSAIDs in Canine TCC and its correlation with COX-2 Expression." – Submitted to OSU Scholar's Archive as UHC Honor's Thesis, 2015.

Conferences, Posters, and Abstracts

January 2021: Vermont Neuroscience, Behavior and Health Forum – Presentation
 March 2020: ENDO 2020 - Factors Secreted from Immortalized Female Kisspeptin Neurons Modulate Gene Expression in Osteoblasts – San Francisco, CA – Abstract, Poster
 June 2019: Northwestern Reproductive Sciences Symposium, Astoria, OR – Talk, Poster
 September 2018: OSU CGRB Fall Conference – Corvallis, OR – Poster
 March 2018: ENDO 2018 - Kisspeptin and Circadian Rhythms – Chicago, IL – Abstract
 May 2015: Annual Celebrating Undergraduate Research Event – Corvallis, OR – Poster
 April 2015: Society for Neuroscience, Oregon Chapter Meeting – Troutdale, OR – Poster
 May 2014: Annual Celebrating Undergraduate Research Event – Corvallis, OR – Poster
 April 2014: Northwestern Reproductive Sciences Symposium – Cle Elum, WA – Poster

Transferrable Skills and Techniques

Molecular Cloning – Bacterial Genetics – Mammalian Cell Culture – Viral Vectors - PCR / RT-qPCR – Western Blotting – Immunofluorescence – Mass Spectrometry

Extracurricular Activities

Graduate Student Senate, Senator for CMB	August 2019 – Present
Student Engagement Committee Chair	2019-2020

LCOM Graduate Student Council	December 2019 – August 2020
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Honors, Awards, and Recognitions

Best Talk in Category, Vermont NBH Forum	January 2021
Selected for 2019 NWRSS Abstract Talk	June 2019
Margaret I Lenhard Scholarship	September 2017 – June 2019
Winner of “Best Poster” – Celebrating Undergraduate Research	May 2015
Nomination for Undergraduate Researcher of the Year	2014, 2015
Mark H. Middlekauf Scholarship	May 2014

Employment History

HealthScribe & Integrated Medical Services <i>Medical Scribe</i>	Phoenix, Arizona April 2016 – August 2017
4C Medical Group <i>Medical Scribe</i>	Phoenix, Arizona January 2016 – April 2016
