

Curriculum Vitae

LUCIA A. SEALE, Ph.D.

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Additional Appointments:

- *Associate Member*, University of Hawai'i Cancer Center, UH
- *Cooperating Graduate Faculty*, Dept. of Human Nutrition, Food and Animal Sciences, College of Tropical Agriculture and Human Resources, UH
- *Cooperating Graduate Faculty*, Dept. of Cell and Molecular Biology, John A. Burns School of Medicine, UH

EDUCATION

1992-1996 B.Sc. and Teaching Licentiate at Universidade Federal de Viçosa, Brazil (Biology Major)
1999-2001 M.Sc. in Human Physiology - Endocrinology at University of São Paulo, Brazil
2010-2012 Ph.D. in Cell and Molecular Biology at University of Hawai'i at Mānoa, USA

PROFESSIONAL EXPERIENCE

2021 - present Assistant Researcher (R3) – PBRC-SOEST, UH, HI, USA
2017 - 2020 Assistant Researcher (R3) – John A. Burns School of Medicine, UH, HI, USA
2014 - 2017 Junior Researcher (R2) – John A. Burns School of Medicine, UH, HI, USA
2012 - 2013 Junior Researcher (R2) and Proteomics Core Facility Co-director – College of Tropical Agriculture and Human Resources (CTAHR), UH, HI, USA
2010 - 2012 Graduate Assistant – John A. Burns School of Medicine, UH, HI, USA
2009 - 2010 Lab Research Technician, UH, Honolulu, HI, USA
2007 - 2008 Freelance Science Writer and Consultant, São Paulo, Brazil
2004 - 2006 Research Scientist – Proteonik Inc., Ansan, South Korea
2002 - 2003 Junior Researcher (R2) - John A. Burns School of Medicine, UH, HI, USA
2001 - 2002 Research Associate in Medicine – Dept. of Medicine, Brigham & Women's Hospital, Harvard Medical School, Boston, MA, USA
1999 - 2000 Graduate Research Assistant – Biomedical Sciences Institute, Universidade de São Paulo, São Paulo, Brazil
1998 FAPESP Pre-Graduate Scholarship Fellow – Biomedical Sciences Institute, Universidade de São Paulo, São Paulo, Brazil
1997 International Association for the Exchange of Students for Technical Experience (IAESTE) Summer Trainee – German Institute of Human Nutrition, Potsdam-Rehbrücke, Germany
1993 - 1996 Undergraduate Research Assistant, Institute of Biotechnology Applied to Agriculture, Universidade Federal de Viçosa, Viçosa, Brazil

RESEARCH ACTIVITIES

Citation metrics (last updated: Oct 2021)

Total citations: 2239 (Google Scholar); 1166 (Publons)
h-index = 18 (Google Scholar); 16 (Publons)
i-10 index = 23 (Google Scholar)

Peer-Reviewed Publications

My Bibliography: <https://www.ncbi.nlm.nih.gov/myncbi/lucia.seale.1/bibliography/public/>

Selected Articles

- Shimada BK, Alfulaij N, **Seale LA**. (2021) The impact of selenium deficiency on cardiovascular function. *Int J Mol Sci* 22(19): 10713. DOI: 10.3390/ijms221910713. PMID: 34639053.
- **Seale LA**, Gilman CL, Zavacki AM, Larsen PR, Inokuchi M, Breves JP, Seale AP. (2021) Regulation of thyroid hormones and branchial iodothyronine deiodinases during freshwater acclimation in tilapia. *Mol Cell Endocrinol* 538:111450. DOI: 10.1016/j.mce.2021.111450. Online ahead of print. PMID: 34506867.
- Watanabe LM, Hashimoto AC, Torres DJ, Alfulaij N, Peres R, Sultana R, Maunakea AK, Berry MJ, **Seale LA**. (2021) Effect of statin treatment in obese selenium-supplemented mice lacking selenocysteine lyase. *Mol Cell Endocrinol* 533:111335. DOI: 10.1016/j.mce.2021.111335. Epub ahead of print. PMID: 34052303.
- **Seale LA**, Ogawa-Wong AN, Watanabe LM, Khadka VS, Menor M, Torres DJ, Carlson BA, Hatfield DL, Berry MJ. (2021) Adaptive thermogenesis in a mouse model lacking selenoprotein biosynthesis in brown adipocytes. *Int J Mol Sci* 22(2): E611. DOI: 10.3390/ijms22020611. PMID: 33435397.
- Watanabe LM, Hashimoto AC, Torres DJ, Berry MJ, **Seale LA**. (2020) Effects of selenium supplementation on diet-induced obesity in mice with a disruption of the selenocysteine lyase gene. *J Trace Elem Med Biol*, 62:126596. DOI: 10.1016/j.jtemb.2020.126596. PMID: 32683228.
- **Seale LA**, Torres DJ, Berry MJ, Pitts MW. (2020) A role for selenium-dependent GPX1 in SARS-CoV-2 virulence. *Am J Clin Nutr*, 112(2): 447-448. DOI: 10.1093/ajcn/nqaa177. PMID: 32592394.
- **Seale LA**, Khadka VS, Menor M, Xie G, Watanabe LM, Sasuclark A, Guirguis K, Ha HY, Hashimoto AC, Peplowska K, Tiirikainen M, Jia W, Berry MJ, Deng Y. (2019) Combined Omics Reveals That Disruption of the Selenocysteine Lyase Gene Affects Amino Acid Pathways in Mice. *Nutrients* 11(11): E2584. DOI: 10.3390/nu11112584. PMID: 31717805.
- **Seale LA**. (2019) Selenocysteine β -Lyase: Biochemistry, Regulation and Physiological Role of the Selenocysteine Decomposition Enzyme. *Antioxidants* 8(9): pii: E357. DOI: 10.3390/antiox8090357. PMID: 31480609.
- Ha HY, Alfulaij N, Berry MJ, **Seale LA**. (2019) From Selenium Absorption to Selenoprotein Degradation. *Biol Trace Elem Res*. 192(1): 26-37. DOI: 10.1007/s12011-019-01771-x. PMID: 31222623.
- **Seale LA**, Ha HY, Hashimoto AC, Berry MJ. (2018) Relationship between selenoprotein P and selenocysteine lyase: insights into selenium metabolism. *Free Radical Biology & Medicine* 127:182-189. DOI: 10.1016/j.freeradbiomed.2018.03.037. PMID: 29567390.
- **Seale LA**, Ogawa-Wong AN, Berry MJ. (2018) Sexual dimorphism in selenium metabolism and selenoproteins. *Free Radic Biol Med* 127:198-205. DOI: 10.1016/j.freeradbiomed.2018.03.036. PMID: 29572096.
- Ogawa-Wong AN, Berry MJ, **Seale LA**. (2016) Selenium and metabolic disorders: an emphasis on type 2 diabetes risk. *Nutrients* 8(2). pii: E80. DOI: 10.3390/nu8020080. PMID: 26861388.
- **Seale LA**, Gilman CL, Hashimoto AC, Ogawa-Wong AN, Berry MJ. (2015) Diet-induced obesity in the selenocysteine lyase knockout mouse. *Antioxid Redox Signal* 23(10):761-74. DOI: 10.1089/ars.2015.6277. PMID: 26192035.

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- Pitts MW, Reeves MA, Hashimoto AC, Ogawa A, Kremer P, **Seale LA**, Berry MJ. Deletion of selenoprotein M leads to obesity without cognitive deficits. (2013) *J Biol Chem* 288 (36):26121-34. DOI: 10.1074/jbc.M113.471235. PMID: 23880772.
- **Seale LA**, Hashimoto AC, Kurokawa S, Gilman CL, Seyedali A, Bellinger FP, Raman AV, Berry MJ. (2012) Disruption of the selenocysteine lyase-mediated selenium recycling pathway leads to metabolic syndrome in mice. *Mol Cell Biol* 32 (20):4141-54. DOI: 10.1128/MCB.00293-12. PMID: 22890841.

Books and Chapters

- **Seale LA**, Zavacki AM, Berry MJ. (2015) Selenoproteins and the Metabolic Syndrome. In: *Diversity of Selenium Functions in Health and Disease*. R Brigelius-Flohé & H Sies; p. 247-272. CRC Press: New York, NY. ISBN: 978-1-4822-5126-5.
- **Seale LA** & Berry MJ. (2013) Selenoproteins – Regulation. In: *Encyclopedia of Inorganic and Bioinorganic Chemistry*. RA Scott; p. 1-9. John Wiley & Sons, Ltd: West Sussex, United Kingdom. ISBN: 978-1-119-95143-8.
- **Seale LA**, Berry MJ. (2013) Selenium in human health and disease. In: *Encyclopedia of Metalloproteins*. RH Kretsinger, VN Uversky, EA Permyakov; Ed. Springer-Verlag, New York, NY, USA. ISBN 978-1-4614-1534-3.
- **Seale LA** & Berry MJ. (2013) Selenoproteins – regulation. In: *Metals in Cells*. V Cullotta & RA Scott; p. 311-320. John Wiley & Sons, Ltd: West Sussex, UK. ISBN: 978-1-119-95323-4.
- **Seale LA**, Ralston NV, Berry MJ. (2011) Role of selenium in mitigating mercury toxicity. *Biochemistry Research Trends*, 52p., NOVA Publishers, Inc., New York, NY, USA. ISBN: 978-1-61209-261-4.

Symposium/Conference presentations

Selected talks

- **Seale LA**. *Selenium Recycling in the Brown Adipose Tissue*. In: 2021 RCMI Consortium National Conference, March 24-26th, Virtual (due to pandemic). Presentation recorded in video.
- **Seale LA**. *Metabolismo e reciclagem de selênio em obesidade*. In: Invited Seminar for the Nutrition and Metabolism Graduate Program, March 13th, 2020 - Faculdade de Medicina de Ribeirão Preto, Universidade de São Paulo - Ribeirão Preto, SP, Brazil.
- **Seale LA**, Khadla VS, Menor M, Watanabe LM, Sasuclark A, Guirguis K, Ha HY, Hashimoto AC, Peplowska K, Tiirikainen M, Berry MJ, Deng Y. *Transcriptomics of obese mice lacking selenium recycling*. In: RCMI 2019 National Conference, December 15th-17^h, 2019 – Bethesda, MD, USA.
- **Seale LA**, Watanabe LM, Torres DJ, Hashimoto AC, Berry MJ. *Selenium supplementation and obesity in mice lacking the selenocysteine lyase gene*. In: 13th Biennial Conference of the International Society for Trace Element Research in Humans (ISTERH 2019), September 22nd-26th, 2019 – Sanur Beach, Bali, Indonesia.
- **Seale LA**, Berry MJ. *Sex differences in metabolic syndrome in the Scly knockout mouse*. In: RCMI Translational Science 2017, October 28th-November 1st, Washington - D.C., USA.
- **Seale LA**, Ha HY, Ogawa-Wong AN, Hashimoto AC, Kurokawa S, Berry MJ. *Selenium metabolism in the selenoprotein P and selenocysteine lyase knockout mouse models*. In: Selenium 2017 – 11th International Symposium on Selenium in Biology and Medicine and 5th International Conference on Selenium in the Environment and Human Health, August 13th-17th, Stockholm, Sweden.
- **Seale LA**, Ogawa-Wong AN, Ha HY, Hashimoto AC, Berry MJ. *Crosstalk between selenocysteine decomposition and energy metabolism*. In: Trace Elements in Biology and Medicine, a Federation of American Societies for Experimental Biology (FASEB) Meeting, June 5th-10th, Big Sky, MT, USA.
- **Seale LA**. *Selenocysteine lyase in obesity induced by a high fat diet*. In: 4th International Conference on Selenium in the Environment and Human Health - October 18th-21st, São Paulo, Brazil.

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- **Seale LA.** *Selenocysteine lyase and metabolic syndrome.* In: 10th International Symposium on Selenium in Biology and Medicine – September 14-18th, Berlin, Germany. ***Awarded “Best Oral Presentation” by the Organizing Committee.**
- **Seale LA,** Berry MJ. *The influence of selenium recycling in glucose metabolism.* In: Fall Retreat for the Cell and Molecular Biology Graduate Program, 2011, John A. Burns School of Medicine, University of Hawai‘i at Mānoa, Honolulu, HI, USA. ***Award winning presentation**

Selected Poster Presentations

- Watanabe LM, Hashimoto AC, Torres DJ, Berry MJ, **Seale LA.** Effect of statin treatment on obese mice lacking selenocysteine lyase. In: Annual Meeting of the American Society for Nutrition - Nutrition 2020 - June 1st-4th, Online (due to Covid).
- **Seale LA,** Khadka V, Menor M, Sasuclark A, Guirguis K, Hashimoto AC, Peplowska K, Tiirikainen M, Deng Y. RNA-Seq analysis in liver of selenium-deficient selenocysteine lyase knockout mouse. In: Annual Meeting of the American Society for Nutrition – June 8-11th 2019, Baltimore, MD, USA
- Watanabe LM, Hashimoto AC, Berry MJ, **Seale LA.** Effects of selenium supplementation in obese selenocysteine lyase knockout mouse. In: Annual Meeting of the American Society for Nutrition – June 8-11th 2019, Baltimore, MD, USA
- Ha HY, Sasuclark AR, Berry MJ, **Seale LA.** Mutation analysis of human selenocysteine lyase transiently expressed in HEK293T cells. In: Annual JABSOM Biomedical Sciences and Health Disparities Symposium – April 25-26th 2019, Honolulu, HI, USA.
- Ogawa-Wong AN, Hashimoto AC, Ha H, Pitts MW, **Seale LA,** Berry MJ. Sexual dimorphism in the selenocysteine lyase knockout mouse. In: Annual Meeting of the American Society for Nutrition – June 8-11th 2018, Boston, MA, USA.
- **Seale LA,** Hashimoto AC, Kurokawa S, Ha H, Jia W, Xie G, Ogawa-Wong AN, Berry MJ. Subcellular localization of selenocysteine lyase: an unresolved mystery. In: Annual JABSOM Biomedical Sciences and Health Disparities Symposium – April 18-19th 2018, Honolulu, HI, USA. ***Dean’s Award “1st place - Faculty Division”**
- **Seale LA,** Ogawa-Wong AN, Hashimoto AC, Berry MJ. Metabolomics profiling of the liver of the selenocysteine lyase knockout mouse. In: Selenium 2017 – 11th International Symposium on Selenium in Biology and Medicine and 5th International Conference on Selenium in the Environment and Human Health, August 13th-17th, Stockholm, Sweden.
- **Seale LA,** Ogawa-Wong AN, Ha HY, Hashimoto AC, Berry MJ. *Crosstalk between selenocysteine decomposition and energy metabolism.* In: Trace Elements in Biology and Medicine, a Federation of American Societies for Experimental Biology (FASEB) Meeting, June 5th-10th 2016, Big Sky, MT, USA.
- Ogawa-Wong AN, Ha HY, Hashimoto AC, **Seale LA,** Berry MJ. *Sex differences in metabolic syndrome development in the selenocysteine lyase knockout mouse.* In: ENDO 2016 – 98th Meeting of The Endocrine Society, Boston, MA, USA.
- Ha HY, Ogawa-Wong AN, Hashimoto AC, Berry MJ, **Seale LA.** *Selenoproteins, pyruvate cycling and insuling signaling in the hypothalamus of selenocysteine lyase knockout mouse.* In: Annual JABSOM Biomedical Sciences and Health Disparities Symposium – April 21st-22nd 2016, Honolulu, HI, USA.
- Ogawa-Wong AN, Hashimoto AC, Berry MJ, **Seale LA.** *Selenium metabolism in mouse pancreatic beta-cells.* In: 97th Meeting of the Endocrine Society 2015, San Diego, CA, USA.
- **Seale LA,** Gilman CL, Hashimoto AN, Berry MJ. *Obesity is exacerbated in mice lacking selenocysteine lyase.* In: 2014 Minority Health and Health Disparities Grantees’ Conference – Transdisciplinary Collaborations: Evolving Dimensions of US and Global Health Equity, December 1st-3rd, National Harbor, MD, USA.
- **Seale LA,** Gilman CL, Hashimoto AC, Berry MJ. *Disruption of selenocysteine lyase-mediated selenium recycling aggravates high fat diet-induced obesity.* In: Metabolic Signaling and Disease: From Cell to Organism, August 13th-17th 2014, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, USA.

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- **Seale LA**, Hashimoto AC, Gilman CL, Seyedali A, Berry MJ. *Effect of high fat diet on glucose metabolism in selenocysteine lyase knockout mouse*. In: The Endocrine Society's 93rd Annual Meeting & Expo 2011, June 4th-7th, Boston, MA, USA.
- **Seale LA**, Hashimoto AC, Seyedali A, Gilman CL, Berry MJ. *Characterization of the selenocysteine lyase knockout mouse model*. In: Selenium Section, Experimental Biology 2011, April 9th-13th, Washington, DC, USA.
- **Seale LA**, Gilman CL, Seyedali A, Berry MJ. *Effect of selenium status on selenocysteine lyase regulation*. In: 9th International Symposium on Selenium in Biology and Medicine – Selenium 2010. May 31st-June 4th, Kyoto, Japan.
- **Seale LA**, Gilman CL, Hashimoto AC, Seyedali A, Berry MJ. *Selenocysteine lyase expression in the Selenoprotein P knockout mouse*. In: Selenium Section, Experimental Biology 2010 – April 24th-28th, Anaheim, CA, USA.

Professional Training

Selected Workshop, Symposium & Forum Participations

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| 04/27-30/2021 | 1. <i>CSHL Virtual Meeting on Ubiquitin, Autophagy and Diseases</i> . Organized by the Cold Spring Harbor Laboratories. Held virtually (Zoom and Slack). |
| 02/16-17, 23-24/2021 | 2. <i>North American Protein Degradation Virtual Congress</i> . Organized by Kisako Research. Held virtually (Zoom). |
| 07/27-28/2019 | 3. <i>NIH-NMA Career Development Program</i> . Organized by the Office of Minority Health Research Coordination (OMHRC) of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) as part of the National Medical Association (NMA) Annual Convention and Scientific Assembly. Held at the Hawaii Convention Center, Honolulu, HI. |
| 06/03-06/2019 | 4. <i>Nutrigenetics, Nutrigenomics and Precision Nutrition Short Course</i> . Organized by the University of North Carolina (UNC) Nutrition Research Institute and the UNC Nutrition Obesity Research Center. Held at Kannapolis, NC, USA. |
| 02/12/2019 | 5. <i>IUPAC Global Women's Breakfast</i> . Organized by IUPAC (worldwide). Held at the UH Campus Center, Honolulu, HI, USA. |
| 10/28/2015 | 6. <i>Media Training Guide</i> . Seminar series organized by the Achievement Rewards for College Scientists Foundation. Held at UH, Honolulu, HI, USA. |
| 06/24-30/2015 | 7. <i>Exercise in the Management and Prevention of Metabolic Disease</i> . Summer Mini-Conference. Organized by Dept. of Kinesiology, East Carolina University (USA) and Victoria University (Australia). Held at the Institute of Sport, Exercise Science and Active Living (ISEAL), Victoria University Footscray Campus in Melbourne, Australia. |
| 03/04/2015 | 8. <i>EndoCareers – Early Career Forum</i> . Organized by The Endocrine Society. Held at the 97 th Annual Meeting of The Endocrine Society, San Diego, CA, USA. |
| 04/22-26/2013 | 9. <i>amaZon Series™ Ion Trap and maXis impact q-TOF Proteomics Training Course</i> . Organized by Bruker Daltonics Inc. Held at Bruker Daltonics Inc. Training Center, Fremont, CA, USA. |
| 12/07/2012 | 10. <i>Translational Proteomics Center Mini-Symposium and Open House</i> . Organized by the Translational Proteomics Center at the Comprehensive Cancer Center, University of Puerto Rico and the Research Centers of Minority Institutions (RCMI) Program at Medical Sciences Campus. Held in The Translational Proteomics Center at the University of Puerto Rico, San Juan, PR. |
| 01/23/2012 | 11. <i>Science: Becoming the Messenger</i> . Organized by the National Science Foundation. Held at Waikiki Beach Marriott Resort & Spa, Honolulu, HI, USA. |

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10/20-22/2010 12. *Hawaii Seafood Symposium – Making Sense of Seafood Health Benefits and Risks*. Organized by the Hawai'i Seafood Council and the National Oceanic and Atmospheric Administration (NOAA) Fisheries Service. Held at Ala Moana Hotel Conference Center, Honolulu, HI, USA.

Visiting Researcher

12/07/2012 Open House Visit to the Translational Proteomics Center, University of Puerto Rico, San Juan, PR.

05/28-06/03/2011 Research Assistant Visit – Thyroid Laboratory, Brigham and Women's Hospital/ Harvard Medical School, Boston, MA, USA.

Current Grants and Awards

4/22/2021 - 3/31/2026 NIH/NIDDK
1 R01 DK128390-01
Seale (PI)
"Selenium metabolism in cold-induced adaptive thermogenesis"

7/1/2020-12/31/2021 Hawaii Community Foundation
20ADVC-102166
Seale (PI)
"The role of statin in selenium metabolism-dependent oxidative stress"

1/1/2021 – 12/31/2022 Office of the Dean - SOEST/UH
#no ID
Seale (PI)
Start-up Funds

TEACHING ACTIVITIES

- Guest Lecturer 2021-present: "*Cellular metabolism of Cancer*", CMB 622, Cell & Molecular Biology II
- Guest Lecturer 2019-2021: "*Adipocyte and Energy Homeostasis*", CMB 621, Cell & Molecular Biology I
- Guest Lecturer 2014-2021: "*Neuroendocrine Control of the Body*", CMB 606, Introduction to Neurosciences
- Guest Lecturer 2018-2019: "*Selenium*", FSHN 685, Nutritional Biochemistry
- Guest Lecturer 2016-2019: "*Biology and Physiology of Fat Cells*", MD4 (Endocrinology subunit)
- Instructor/ Mentor 2015-2017 - CMB 631 (CRN 80273) - Research Rotations
- Instructor 2014 - CMB 645G Section 3 (CRN 80065), Topics on Endocrinology, Journal Club

Laboratory Mentees: 21 total; 7 BIPOC minorities (*Latinx, Native Hawaiian, Black*); 15 women.

SERVICE ACTIVITIES

University

2021-present Member of the Institutional Biosafety Committee (IBC) - UH

2017-present Member of the Selection Committee for the Robert T. Wong Lectureship – University of Hawai'i Foundation & John A. Burns School of Medicine, UH.

2018-2019 Member, Qualifying Exam Committee, CMB graduate program - JABSOM, UH.

2012-2013 Design, frame structure, and maintenance of the UH Proteomics Core Facility website (<http://blog.hawaii.edu/proteomics/>).

2013-2017 Educational Volunteer, Edge of The Reef, Waikiki Aquarium – UH, Honolulu, HI

2013-present Poster Session Referee, JABSOM Annual Biomedical Sciences and Health Disparities Symposium, UH, Honolulu, HI.

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Membership in Professional Associations

American Diabetes Association, Member
International Society for Selenium Research, Member
International Society for Trace Elements Research in Humans, Member
American Society for Nutrition, Member
Society for Redox Biology and Medicine, Member

Ad-hoc Peer Reviewer

Journals: *Aging; Antioxidants; Applied Microbiology and Biotechnology; Archives of Physiology and Biochemistry; Biochimica et Biophysica Acta - General Subjects; Biochimie; Biological Trace Element Research; British Journal of Nutrition; Cell Biology and Toxicology, Clinical and Translational Medicine; Clinical Nutrition; Current Diabetes Reviews; Diagnostics; Endocrine Research; Experimental Gerontology; Food & Function; Genes & Nutrition; International Journal of Biological Macromolecules; International Journal of Molecular Sciences; Journal of Animal Science and Biotechnology; Journal of Biological Chemistry; Journal of Human Nutrition and Dietetics; Journal of Nutrition; Journal of Trace Elements in Medicine and Biology; Marine Drugs; Molecular and Cellular Endocrinology; Molecular Genetics and Metabolism; Nutrients; Nutrition; PLoS One; Proceedings of the National Academy of Sciences (PNAS); Scientific Reports; Tetrahedron; Tissue and Cell.*

Guest Associate Editor: *Frontiers in Nutrition*, Special Issue "Selenium, Human Health and Chronic Diseases", 2021

Grant Review Panels: NIH Kidney, Nutrition, Obesity and Diabetes (KNOD) Study Section; NZ1 Molecular Biology, Structural Biology, Biotechnology (National Science Centre Poland) Sonatina-5 Funding Scheme (F32 equivalent for International Cooperation in the EU zone).

Community Service and Other Skills

- Volunteer judge, Science Fair, McKinley High School, 2017-2019.
- Scientific writer to consumer magazines, published "Tropical Marine Gardens" (2009; ISBN: 978-85-85371-83-8).
- Fluent in English and Portuguese. Reads German, Korean, Spanish and French.

Media appearances

- "\$2M grant to research selenium, fat cell and obesity connections" - Article in *University of Hawai'i News* [Online], written by Marcie Grabowski. Available at: <https://www.hawaii.edu/news/2021/06/01/selenium-fat-cell-obesity-research/>
- "COVID-19: Data indicate survival rates are higher in regions with diets sufficient in selenium" - Article in *JABSOM News - UH Med Now* [Online], written by UH Med Now team. Available at: <https://jabsom.hawaii.edu/covid-19-data-indicates-survival-rates-are-higher-in-regions-with-diets-sufficient-in-selenium/>
- "2018 Biomedical Sciences and Health Disparities Dean's Award Recipients Announced" - Article in *JABSOM News - UH Med Now* [Online], written by UH Med Now team. Available at: <https://jabsom.hawaii.edu/2018-biomedical-sciences-and-health-disparities-deans-award-recipients-announced/>
- "Bringing gender equity into research" – Interview for ThinkTech Hawaii hosted by Jay Fidell [Online]. Available at: <https://www.youtube.com/watch?v=8Hs6THB7iqs>
- Radio Show Guest at Bytemarks Café: "Science 2.0" hosted by Burt Lum and Ryan Ozawa. April 4th 2011, KIPO, Hawai'i Public Radio, Honolulu, HI, USA
- Videoartist and presenter: "Underwater Rainbow" – Part of the "ENDO's Got Talent" Session – The Endocrine Society 93rd Annual Meeting – 2011, Boston, MA, USA.

