Contact:
University of Florida
Health Science Center
P.O. Box 100424
Gainesville, FL 32610-0424
352-273-8851 (lab)
s.calise@ufl.edu

S. John Calise

NSF Graduate Research Fellow
Doctoral Candidate
Laboratory of Edward K.L. Chan, PhD
Department of Oral Biology
Graduate Program in Biomedical Sciences

EDUCATION

University of Florida **Gainesville, FL**	Ph.D. in Medical Sciences (in progress) Graduate Program in Biomedical Sciences Concentration: Molecular Cell Biology Mentor: Edward K.L. Chan, PhD *Awarded NSF Graduate Research Fellowship*	**Aug 2015 – present**
University of Florida **Gainesville, FL**	B.S. in Business Administration Major: Finance Graduated with Honors	**Aug 2007 – May 2011**

PREVIOUS RESEARCH POSITIONS

University of Florida **Gainesville, FL**	Laboratory Manager / Technician Laboratory of Edward K.L. Chan, PhD Department of Oral Biology	**Sept 2011 – Aug 2015**

HONORS AND AWARDS (GRADUATE AND PROFESSIONAL)

2013, 1st Place, Dresden Prize for the Study of Autoantibodies, 11th Dresden Symposium on Autoantibodies
2014, 2nd Place, Oral & Poster Communication, 12th International Workshop on Autoantibodies and Autoimmunity
2015, University of Florida Graduate School Grinter Fellowship Award (stipend supplement for 3 years)
2015, American Society for Cell Biology Graduate Student Travel Award
2016, Pre-doctoral fellowship under Department of Oral Biology NIH/NIDCR Training Grant 2T90DE021990-06
2017, American Society for Cell Biology Early Career Meeting Grant
2017, Nominated for Associate Membership, Sigma Xi Scientific Research Honor Society
2017, National Science Foundation Graduate Research Fellowship under NSF Grant No. DGE-1315138/DGE-1842473
2017, Semi-finalist, Dresden Prize for the Study of Autoantibodies, 13th Dresden Symposium on Autoantibodies
2018, American Society for Cell Biology Early Career Meeting Grant
2018, 1st Place, Graduate/Postdoc Oral Presentation Competition, UF College of Dentistry Spring Synergy symposium
2018, 1st Place, UF College of Medicine Medical Guild Advancement to Candidacy Competition
2018, 3rd annual UF Council of Academic Chairs Scholarship
2018, Nominated for The Honor Society of Phi Kappa Phi
2019, American Society for Cell Biology Early Career Meeting Grant
2019, 1st Place, Molecular Cell Biology concentration internal Medical Guild competition
2019, 1st Place (Gold Medal), 44th annual UF Medical Guild Graduate Student Research Competition

HONORS AND AWARDS (UNDERGRADUATE)

2007-2011, Florida Academic Scholars Award (full tuition paid through Florida Bright Futures)
2007-2011, University of Florida Honors Program Member
National Society of Collegiate Scholars
Golden Key International Honour Society
Beta Gamma Sigma International Honor Society

Warrington College of Business Administration Dean's List (multiple semesters)
2011, Graduated with Honors (Cum Laude), University of Florida

GRANTS AND FELLOWSHIPS

Ongoing research support

DGE-1315138 / DGE-1842473 Calise, S. John (PI) 08/16/2017 – 08/15/2020
National Science Foundation Graduate Research Fellowship Program
Determining the role of IMPDH filaments in mammalian guanine nucleotide homeostasis
I was awarded this individual pre-doctoral fellowship in March 2017 to elucidate the function of IMPDH polymerization in cell metabolism. This fellowship provides salary support for 3 years.
Role: *Principal Investigator*

Completed research support

2T90DE021990-06 Burne, Robert A. (PI) 08/16/2016 – 08/15/2017
National Institute of Dental and Craniofacial Research / National Institutes of Health
Comprehensive Training Program in Oral Biology
This is a training grant awarded to the Department of Oral Biology to fund student and postdoc research.
Role: *Trainee*

UNDERGRADUATE MENTORING EXPERIENCE

Mentored six undergraduate students for long-term research projects:

Ms. Claire (Krueger) Martucci, co-author on Calise et al. *Cell Mol Life Sci.* and Calise et al. *J Cell Sci*. **2012 – 2013**
2012-2013 University Scholars Program Research Award
Current position: DDS graduate from Virginia Commonwealth University, Richmond, VA in 2018

Ms. Joyce D. Yin, co-author on Calise et al. *Cell Mol Life Sci.* and Calise et al. *J Cell Sci*. **2013 – 2014**
Current position: DMD graduate from University of Pennsylvania, Philadelphia, PA in 2018

Ms. Dania A. Saleem, co-author on Calise et al. *J Cell Sci.* **2013 – 2015**
Current position: MPH student at University of Florida, Gainesville, FL

Ms. Thuy Nguyen, co-author on Calise et al. *J Cell Sci.* and Calise et al. *Autoimmunity Highlights* **2013 – 2016**
2015-2016 University Scholars Program Research Award
Current position: MD student at Florida State University, Tallahassee, FL

Ms. Madeline Howe, pre-dental student majoring in Microbiology & Cell Science **2017 – 2019**
2018-2019 University Scholars Program Research Award
Current position: DDS student at University of Michigan, Ann Arbor, MI

Ms. Nhi Pham, pre-dental student majoring in Microbiology & Cell Science **2017 – pres.**
2018-2019 University Scholars Program Research Award

Short-term training of undergraduates and other research fellows:

Mr. Yoel Benarroch, UF undergraduate student who later worked with graduate student Hyun Min Jung **2013**
Mr. Austin Kirby, summer undergraduate research student from Appalachian State University **2014**
Ms. Katie Bennett, UF undergraduate student who later worked with postdoc Yuk Pheel Park **2015**
Mr. Sathwik Madireddy, UF undergraduate student who worked on an independent research project **2015**
Mr. Justin Nicholas, technician in our laboratory from 2015 – 2017 **2015**
Ms. Natalie Atyeo, UF summer dental research fellow, current UF DMD student **2016**
Ms. Rossana Lamastra, medical student and visiting scholar from Humanitas University, Milan, Italy **2017**

PROFESSIONAL SOCIETY MEMBERSHIPS

American Society for Cell Biology (2015 – present)
American Association for the Advancement of Science (2017 – present)
Sigma Xi Scientific Research Honor Society (2018)

PEER REVIEW EXPERIENCE

Assisted PI in reviewing 15 manuscripts for *Clinica Chimica Acta, Critical Reviews in Biochemistry and Molecular Biology, European Journal of Immunology, Experimental Cell Research (2), Immunologic Research, Journal of Autoimmunity, Journal of Cell Science (3), Journal of Medical Virology, Journal of Viral Hepatitis, Molecular Biology of the Cell, PLOS One,* and *Viral Immunology*.

Assisted PI in reviewing two grant applications submitted to the Prinses Beatrix Spierfonds, an independent financial supporter for neuromuscular research in the Netherlands, and the French National Research Agency (ANR).

CONFERENCE ORGANIZATION

1st Florida Translational Cell Biology Symposium **Jan 2017 – Sept 2017**
Co-Founder of the Meeting and Co-Chair of the Organizing Committee
Cancer & Genetics Research Complex, Gainesville, FL, September 22, 2017
Keynote speaker: Ryohei Yasuda, PhD, Max Planck Florida Institute for Neuroscience
Sponsored by the ASCB through an Early Career Meeting Grant.

2nd Florida Translational Cell Biology Symposium **Jan 2018 – Sept 2018**
Co-Chair, Organizing Committee
Health Professions/Nursing/Pharmacy Complex, Gainesville, FL, September 21, 2018
Keynote speaker: James E. Bear, PhD, UNC Chapel Hill
Sponsored by the ASCB through an Early Career Meeting Grant.

3rd Florida Translational Cell Biology Symposium **Jan 2019 – pres.**
Co-Chair, Organizing Committee
Health Professions/Nursing/Pharmacy Complex, Gainesville, FL, September 13, 2019
Keynote speaker: Samara Reck-Peterson, PhD, HHMI and UC San Diego
Sponsored by the ASCB through an Early Career Meeting Grant.

TEACHING EXPERIENCE

Group Leader, Graduate Program First-Year Mentoring Groups **Aug 2017 – Dec 2017**
Discussion leader for weekly small group meetings with first-year students, covering topics relevant to transitioning into graduate school. 1 credit, GMS6940 Supervised Teaching.
Faculty supervisor: Mavis Agbandje-McKenna, PhD

WORKSHOPS AND SHORT COURSES ATTENDED

Biostatistics 101 for Cancer Researchers, UF Health Cancer Center, Gainesville, FL **Sep 2018 – Nov 2018**
8-week lecture series introducing basic statistical concepts and methods with a focus on application to cancer research.

Analytical & Quantitative Light Microscopy, Marine Biological Laboratory, Woods Hole, MA **May 2019**
10-day comprehensive and intensive course in light microscopy focused on quantitative issues critical to proper interpretation of images obtained with modern microscopes.

SERVICE AND LEADERSHIP

Web Designer and Webmaster, AutoAb.org **Oct 2011 – present**
International Union of Immunological Societies (IUIS) Committee for the Standardization of Autoantibodies in Rheumatic and Related Diseases

Graduate Program Welcome Buddy for first-year students **June – Sept, 2016 – 2018**
Assisting incoming students with their transition to graduate school and UF

Grants Evaluator, UF Graduate Student Council Grants Committee **July 2016 – May 2017**
Monthly peer review of university-wide travel grants submitted by graduate students

Organizer, speaker invitations for GMS6193 Oral Biology Research Conference **Aug 2016 – Sept 2018**
Invited and planned visits for guest speakers Dr. Brent Christner (UF), Dr. David Wong (UCLA), Dr. Zemer Gitai (Princeton), and Dr. Justin Kollman (Univ. of Washington)

Graduate Student Representative, Department of Oral Biology **Jan 2017 – present**
Attend monthly department faculty meetings to represent student interests

Graduate Program Recruitment Weekend and/or Graduate Education Fair Volunteer **Jan – Feb, 2017 – 2019**
Meeting with PhD program applicants to answer questions and give advice

Co-Organizer, annual keynote speaker invitations for Molecular Cell Biology concentration **July 2017 – Mar 2019**
Helped organize visits for guest speakers Dr. Stephanie Gupton (UNC Chapel Hill, April 24-26, 2018) and Dr. Dyche Mullins (UCSF, March 20-22, 2019)

Member, Distinguished Lecture Series Committee **June 2018 – Apr 2019**
Graduate student committee to invite and organize distinguished speaker visits at UF: Dr. Peter Walter (UCSF, March 2019) and Dr. Bruce Alberts (UCSF, April 2019)

PEER-REVIEWED ORIGINAL RESEARCH ARTICLES

1. Carcamo WC, Ceribelli A, **Calise SJ**, Krueger C, Liu C, Daves M, Villalta D, Bizzaro N, Satoh M, and Chan EKL. Differential reactivity to IMPDH2 by anti-rods/rings autoantibodies and unresponsiveness to pegylated interferon-alpha/ribavirin therapy in US and Italian HCV patients. *Journal of Clinical Immunology.* 2013 Feb; 33(2):420-6. PubMed

2. **Calise SJ***, Carcamo WC*, Krueger C, Yin JD, Purich DL, and Chan EKL. Glutamine deprivation initiates reversible assembly of mammalian rods and rings. *Cellular and Molecular Life Sciences.* 2014 Aug; 71(15):2963-73. *co-first author; PubMed

3. Keppeke GD, **Calise SJ**, Chan EKL, and Andrade LEC. Assembly of IMPDH2-based, CTPS-based, and mixed rod/ring structures is dependent on cell type and conditions of induction. *Journal of Genetics and Genomics.* 2015 Jun 20; 42(6):287-299. PubMed

4. Chukkapalli S, Rivera-Kweh M, Gehlot P, Velsko I, Bhattacharyya I, **Calise SJ**, Satoh M, Chan EKL, Holoshitz J, and Kesavalu L. Periodontal bacterial colonization in synovial tissues exacerbates collagen-induced arthritis in B10.RIII mice. *Arthritis Research & Therapy.* 2016 Jul 12; 18(1):161. PubMed

5. **Calise SJ**, Purich DL, Nguyen T, Saleem DA, Krueger C, Yin JD, and Chan EKL. 'Rod and ring' formation from IMP dehydrogenase is regulated through the one-carbon metabolic pathway. *Journal of Cell Science.* 2016 Aug 1; 129(15):3042-3052. PubMed

6. **Calise SJ**, Bizzaro N, Nguyen T, Bassetti D, Porcelli B, Almi P, Barberio G, Pesce G, Satoh M, and Chan EKL. Anti-rods/rings autoantibody seropositivity does not affect response to telaprevir treatment for chronic hepatitis C infection. *Autoimmunity Highlights.* 2016 Dec; 7(1):15. PubMed

7. **Calise SJ**, Zheng B, Hasegawa T, Satoh M, Isailovic N, Ceribelli A, Andrade LEC, Boylan K, Cavazzana I, Fritzler MJ, Garcia de la Torre I, Hiepe F, Kohl K, Selmi C, Shoenfeld Y, Tincani A, and Chan EKL. Reference standards for the detection of anti-mitochondrial and anti-rods/rings autoantibodies. *Clinical Chemistry and Laboratory Medicine.* 2018 Sep 25; 56(10):1789-1798. PubMed

8. **Calise SJ**, Abboud G, Kasahara H, Morel L, and Chan EKL. Immune response-dependent assembly of IMP dehydrogenase filaments. *Frontiers in Immunology*. 2018 Nov 29; 9:2789. PubMed

9. Keppeke GD, **Calise SJ**, Chan EKL, and Andrade LEC. Ribavirin induces widespread accumulation of IMP dehydrogenase into rods/rings structures in multiple major mouse organs. *Antiviral Research.* 2019 Feb; 162:130-135. PubMed

REVIEW ARTICLES, BOOK CHAPTERS, AND PROCEEDINGS

1. **Calise SJ**, Carcamo WC, and Chan EKL. Clinical implications of anti-rods and rings autoantibodies in hepatitis C patients treated with interferon/ribavirin therapy. In *Infection, Tumors and Autoimmunity – Report on the 11th Dresden Symposium on Autoantibodies* (Conrad K, Chan EKL, Fritzler MJ, Humbel RL, Meroni PL, Steiner G, Shoenfeld Y, Eds.), pp. 25-32. Pabst Science Publishers, Lengerich, Germany, 2013 Sep.

2. Carcamo WC*, **Calise SJ***, von Mühlen CA, Satoh M, and Chan EKL. Molecular Cell Biology and Immunobiology of Mammalian Rod/Ring Structures. *International Review of Cell and Molecular Biology.* 2014; 308:35-74. *co-first author; PubMed

3. **Calise SJ**, Carcamo WC, Ceribelli A, Dominguez Y, Satoh M, and Chan EKL. Antibodies to Rods and Rings. In *Autoantibodies* (Shoenfeld Y, Gershwin ME, Meroni PL, Eds.), pp. 161-168. Elsevier Science, 3rd Edition, 2014. ScienceDirect

4. **Calise SJ**, Keppeke GD, Andrade LEC, and Chan EKL. Anti-rods/rings: a human model of drug-induced autoantibody generation. *Frontiers in Immunology*. 2015 Feb 5; 6:41. PubMed

5. Keppeke GD, **Calise SJ**, Chan EKL, and Andrade LEC. Anti-rods/rings autoantibody generation in hepatitis C patients during interferon-α/ribavirin therapy. *World Journal of Gastroenterology*. 2016 Feb 14; 22(6):1966-74. PubMed

6. Satoh M, Tanaka S, Ceribelli A, **Calise SJ**, and Chan EKL. A Comprehensive Overview on Myositis-Specific Antibodies: New and Old Biomarkers in Idiopathic Inflammatory Myopathy. *Clinical Reviews in Allergy & Immunology*. 2017 Feb; 52(1):1-19. PubMed

7. **Calise SJ** and Chan EKL. Advances in the immunobiology of autoantigenic rods/rings structures. In *Immunodeficiency, Infection and Autoimmune Diseases – Report on the 13th Dresden Symposium on Autoantibodies* (Conrad K, Andrade LEC, Chan EKL, Fritzler MJ, Pruijn GJM, Shoenfeld Y, and Steiner G, Eds.), pp. 71-80. Pabst Science Publishers, Lengerich, Germany, 2017 Sep.

INTERNATIONAL AND NATIONAL CONFERENCE PRESENTATIONS

1. **Calise SJ**, Carcamo WC, Krueger C, Purich DL, and Chan EKL. Effects of intracellular glutamine levels on the reversible assembly of cytoplasmic rod and ring autoantigenic structures. The 11th Dresden Symposium on Autoantibodies, Dresden, Germany; Sept 1-4, 2013. Oral and poster presentations. **(Dresden Prize)**

2. **Calise SJ**, Krueger C, Yin JD, Saleem DA, Nguyen T, and Chan EKL. Assembly of autoantigenic rods/rings induced by serine deprivation is further promoted by glycine supplementation. The 12th International Workshop on Autoantibodies & Autoimmunity, São Paulo, Brazil; Aug 28-30, 2014. Oral and poster presentations. **(IWAA Prize)**

3. **Calise SJ**, Nguyen T, Saleem DA, Krueger C, Yin JD, Purich DL, and Chan EKL. Blockage of folate metabolism activates polymerization of rod/ring structures in mammalian cells. American Society for Cell Biology Annual Meeting, San Diego, CA; Dec 12-16, 2015. Poster presentation. **(ASCB Travel Award)**

4. **Calise SJ**, Nguyen T, and Chan EKL. A novel component of autoantigenic 'rod and ring' intracellular structures. The 13th International Workshop on Autoantibodies & Autoimmunity, Kyoto, Japan; Oct 11-13, 2016. Poster presentation.

5. **Calise SJ** and Chan EKL. IMP dehydrogenase forms filaments in response to dysregulation of guanine nucleotide homeostasis. 25th Enzyme Mechanisms Conference, St. Petersburg, FL; Jan 4-8, 2017. Poster presentation.

6. **Calise SJ** and Chan EKL. Autoantigenic rods/rings assembly correlates with T cell activation. The 13th Dresden Symposium on Autoantibodies, Dresden, Germany; Sept 26-30, 2017. Oral and poster presentations.

7. **Calise SJ** and Chan EKL. IMPDH filament formation in human T cell activation. American Society for Cell Biology and European Molecular Biology Organization Joint Meeting, Philadelphia, PA; Dec 2-6, 2017. Poster presentation.

8. **Calise SJ**, Abboud G, Kasahara H, Morel L, and Chan EKL. Inosine monophosphate dehydrogenase polymerizes in activated T cells. The joint 26th International Conference on Arginine and Pyrimidines and 1st International Conference on Amino Acids and Nucleotides, Shanghai, China; July 4-7, 2018. Oral presentation.

9. **Calise SJ**, Abboud G, Kasahara H, Morel L, and Chan EKL. Widespread *in vivo* assembly of IMPDH filaments in proliferating lymphocytes. American Society for Cell Biology and European Molecular Biology Organization Joint Meeting, San Diego, CA; Dec 8-12, 2018. Oral and poster presentations.

LOCAL CONFERENCE AND RESEARCH DAY PRESENTATIONS

1. **Calise SJ**, Krueger C, Carcamo WC, Yin JD, Purich DL, and Chan EKL. Factors affecting the formation of cytoplasmic rods and rings in cultured cells. UF College of Dentistry Spring Synergy, Gainesville, FL; Apr 5, 2013. Poster presentation.

2. **Calise SJ**, Carcamo WC, Krueger C, Yin JD, Purich DL, and Chan EKL. Glutamine deprivation initiates reversible assembly of mammalian rods and rings. UF College of Medicine Celebration of Research, Gainesville, FL; Mar 31, 2014. Poster presentation.

3. **Calise SJ**, Krueger C, Yin JD, Saleem DA, Nguyen T, and Chan EKL. Assembly of autoantigenic rods/rings induced by serine deprivation is further promoted by glycine supplementation. UF College of Dentistry Spring Synergy, Gainesville, FL; Apr 10, 2015. Poster presentation.

4. **Calise SJ**, Nguyen T, Saleem DA, Krueger C, Yin JD, Purich DL, and Chan EKL. Blockage of folate metabolism activates polymerization of rod/ring structures in mammalian cells. UF College of Dentistry Spring Synergy, Gainesville, FL; Apr 1, 2016. Poster presentation.

5. **Calise SJ** and Chan EKL. IMP dehydrogenase forms filaments in response to dysregulation of guanine nucleotide homeostasis. UF College of Dentistry Spring Synergy, Gainesville, FL; Mar 31, 2017. Poster presentation.

6. **Calise SJ** and Chan EKL. IMPDH filament formation in human T cell activation. Graduate Program in Biomedical Sciences Interview Weekend Poster Session, Gainesville, FL; Feb 6, 2018. Poster presentation.

7. **Calise SJ**, Abboud G, Morel L, and Chan EKL. IMP dehydrogenase forms filaments during T cell activation *ex vivo* and *in vivo*. UF College of Dentistry Spring Synergy, Gainesville, FL; Mar 30, 2018. Oral presentation. **(1st Place)**

8. **Calise SJ**, Abboud G, Kasahara H, Morel L, and Chan EKL. Widespread *in vivo* assembly of IMPDH filaments in proliferating lymphocytes. Graduate Program in Biomedical Sciences Interview Weekend Poster Session, Gainesville, FL; Jan 29, 2019. Poster presentation.

9. **Calise SJ**. IMPDH Filaments: Novel Subcellular Structures with Emerging Roles in Cell Biology. 44th Medical Guild Graduate Student Research Competition, Gainesville, FL; Apr 10, 2019. Oral presentation. **(Gold Medal)**

CO-AUTHORED ABSTRACTS PRESENTED BY OTHERS

1. Chukkapalli S, Rivera M, Velsko I, Bhattacharyya I, **Calise SJ**, Chan EKL, Satoh M, and Kesavalu L. Link between periodontal pathogens and rheumatoid arthritis in arthritis-prone mice. IADR/AADR/CADR General Session & Exhibition, Seattle, WA; March 20-23, 2013.

2. Satoh M, Vera-Lastra O, Martinez C, Sepulveda-Delgado J, Jara LJ, Vargas-Ramirez R, Martin-Marquez BT, **Calise SJ**, Chan EKL, and Vazquez-Del Mercado M. Specificity of Autoantibodies in Patients with Rheumatologic Inflammatory Syndrome Following Mineral Oil Injections is Similar to Those in Mice with Adjuvant Mineral Oil Induced Autoimmunity. *Arthritis & Rheumatology.* 2013 Oct 1; 65:S11.

3. Chauffe AD, Sobel ES, Bubb MR, Reeves WH, Mahler M, Gascon C, Chan JYF, **Calise SJ**, Chan EKL, and Satoh M. Anti-Th/To Antibodies in Various Systemic Rheumatic Diseases Screened by Anti-Rpp25 ELISA. *Arthritis & Rheumatology.* 2013 Oct 1; 65:S287-S288.

4. Vazquez-Del Mercado M, Daneri-Navarro A, Martin-Marquez BT, Vargas-Ramirez R, Velasco-Sanchez D, Chan JYF, **Calise SJ**, Chan EKL, and Satoh M. Autoantibodies Associated with Inflammatory Myopathy and Other Systemic Autoimmune Rheumatic Diseases in Sera from Breast Cancer Patients. *Arthritis & Rheumatology.* 2013 Oct 1; 65:S881-S882.

5. Tanaka S, Nagamatsu Y, Vazquez-Del Mercado M, Daneri-Navarro A, Chan JYF, **Calise SJ**, Chan EKL, and Satoh M. [Association between autoantibody specificity and hormone receptor expression in breast cancer patients.] *Japanese Journal of Clinical Immunology.* 2014; 37(4):348a. [Title translated from Japanese; abstract in Japanese]

6. Chukkapalli S, Rivera-Kweh M, Velsko I, Bhattacharyya I, **Calise SJ**, Chan EKL, Satoh M, and Kesavalu L. Active Invasion of Periodontal Bacteria into Synovial Joint Exacerbates Collagen-Induced Arthritis in Disease-Prone B10.RIII Mice. *Arthritis & Rheumatology*. 2014 Oct 1; 66:S416.

7. Tanaka S, **Calise SJ**, Satoh Y, Tanaka Y, Vazquez-Del Mercado M, Medrano-Ramirez G, Sobel ES, Reeves WH, Chan EKL, and Satoh M. Cohesin Complex is a New Myositis Autoantigen. *Arthritis & Rheumatology*. 2015 Oct 1; 67:1238-1239.

8. Nicholas J, **Calise SJ**, and Chan EKL. Analysis of the prevalence of antinuclear antibodies in the population of the US from 1988-2012. UF College of Medicine Celebration of Research, Gainesville, FL; Feb 27, 2017.

9. Chan EKL and **Calise SJ**. Immunobiology of subcellular autoantigenic rods/rings structures (IMPDH filaments). The joint 26th International Conference on Arginine and Pyrimidines and 1st International Conference on Amino Acids and Nucleotides, Shanghai, China; July 4-7, 2018.

10. Pham N, **Calise SJ**, Howe M, Park YP, and Chan EKL. Investigation of IMPDH filament formation in head and neck cancer cell proliferation. UF College of Dentistry Spring Synergy, Gainesville, FL; Mar 29, 2019.

11. Howe M, **Calise SJ**, Pham N, Park YP, Reddy R, Fitzpatrick SG, and Chan EKL. CD70 is a potential target for chimeric antigen receptor T cell therapy in head and neck squamous cell carcinoma. UF College of Dentistry Spring Synergy, Gainesville, FL; Mar 29, 2019. **(Madeline Howe: Undergraduate Award for Excellence in Research)**

SUMMARY OF PUBLICATIONS AND PRESENTATIONS

Peer-reviewed original research articles: ***9***
Review articles, book chapters, and proceedings: ***7***
International and national conference presentations: ***9***
Local conference and research day presentations: ***9***
Co-authored abstracts (not presenting author): ***11***

Google Scholar metrics
Total citations: ***290****, h-index:* ***10****, i10-index:* ***10***

Publons (Web of Science Core Collection) metrics
*Total citations: **197**, h-index: **8**, i10-index: **8***

NCBI My Bibliography
Web of Science ResearcherID: B-5484-2015
ORCID: 0000-0002-5146-8629