

# UCF Faculty AcCOMplishments

## July – September, 2018

### Publications

- **Aluganti Narasimhulu C**, Burge KY, Doomra M, Riad A, **Parthasarathy S**. Primary prevention of atherosclerosis by pretreatment of low-density lipoprotein receptor knockout mice with sesame oil and its aqueous components. *Sci Rep*. 2018 Aug 16;8(1):12270. doi: 10.1038/s41598-018-29849-x.  
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## July – September, 2018

### Publications Continued

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## July – September, 2018

### Publications Continued

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- Yukl ET, **Davidson VL**. Diversity of structures, catalytic mechanisms and processes of cofactor biosynthesis of tryptophylquinone-bearing enzymes. *Arch Biochem Biophys*. 2018 Sep 15;654:40-46. doi: 10.1016/j.abb.2018.07.012. Epub 2018 Jul 17. Review.  
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# UCF Faculty AcCOMplishments

## July – September, 2018

### Presentations

- Dr. R Hines
  - “Transoral surgery (TOS) for oropharynx malignancy in the elderly: a Florida-based study. American Academy of Otolaryngology-Head and Neck Surgery”. Atlanta, GA. October 7, 2018.
- Dr. Martin Klapheke
  - “Update on the Opioid Crisis in Florida; presentation to the Opioid and Heroin Addiction Task Force of Seminole County”. Florida Department of Health in Seminole County, Sanford, July 16 2018
- Dr. L Taliaferro
  - “Correlates of health care utilization among transgender and gender non-conforming youth”. American Sociological Association Annual Meeting. Philadelphia, PA, August 2018.
  - “Addressing non-suicidal self-injury among adolescents: health services training using a virtual-reality simulation with patient avatars”. National Science Foundation Connections in Smart Health Workshop. Arlington, VA, September 2018.
- Otto Phanstiel, Jenna Thomas, Chelsea Massaro, Sharifa Dinara, Aiste Dobrovolskaite, Holly Moots, Houssine Ikhlef, Nivedita Jena, Sara N. Cronk
  - “Targeting LAT-1 and polyamine metabolism for the treatment of pancreatic ductal adenocarcinoma” (poster B20). AACR Special Conference on: Pancreatic Cancer: Advances in Science and Clinical Care. Boston, MA Sept 21-24, 2018.
- Jenna Thomas, Chelsea Massaro, Holly Moots, Nivedita Jena, Sharifa Dinara, Aiste Dobrovolskaite, Houssine Ikhlef, and Otto Phanstiel IV
  - “Polyamine Depletion in Pancreatic Cancers via Amino Acid Deprivation 5th International Conference on Polyamines, Biochemical Physiological and Clinical Perspectives”. Taipei, Taiwan September 2-7, 2018.
- Dr. Marcy Verduin
  - “Flip not Flop: How to Make Flipped Classrooms Manageable for Your Residents,” Association for Academic Psychiatry Annual Meeting, Milwaukee, Wisconsin, September 6, 2018.

# UCF Faculty AcCOMplishments

## July – September, 2018

### Awards, Recognition and Service

- Dr. Deborah A Altomare
  - Received a grant for Developing Polyamine Transport Inhibitors for the Treatment of Human Cancers
- Dr. Juan Cendan
  - Won the AAMC “New Investigator” award for 2017, based on his paper “Quantitative and Qualitative Analysis of the Impact of Adoption of a Mobile Application for the Assessment of Professionalism in Medical Trainees”.
- Dr. Xinqing Chai, co-pi
  - Received a grant for J-aggregate nanotube integrated hydrogel sheets for sensing the release of dopamine from cells
- Dr. Alicja Copik
  - Received a grant for Research collaboration with CytoSen - Task Order #2
- Dr. Fernandez-Valle, Cristina M, PI; Julia Soulakova, co-pi
  - Received a grant for Preclinical Testing of PI3K Inhibitors for Vestibular Schwannomas
- Dr. Adam Golden, MD
  - is the new Associate Chief of Staff for Research at the Orlando VA Medical Center
- Dr. Caridad Hernandez
  - was appointed Co-chair of the USMLE Test Material Development Committee (2CS)
  - was invited as a faculty-scholar for the Harvard-Macy Institute 2019 Course: Leading Innovations in Health Care and Education
  - FMA 2018 Annual Meeting Delegate representing the Orange County Medical Society
- Dr. Robin Hines
  - Awarded a grant in recognition of the 2018 Internal Medicine Research Award. *Disparities in Cancer Outcomes in Florida.*
- Dr. Annette Khaled
  - Received a grant for RF: Inhibiting Protein-Folding Activity for the Treatment of Metastatic Breast Cancer(ID: 1065785)
- Dr. Yoon-Seong Kim
  - Received a grant for Pum2-dependent translational regulation of a-SYN near mitochondria and contribution to the pathogenesis of Parkinson's disease
- Dr. Michal Masternak
  - Received a grant for Role of adipose tissue cellular composition on healthy metabolism
  - Received a grant for Role of GH/IGF1 signaling pathway on pro-longevity miRNAs
- Dr. Sean Moore
  - Received a grant for Mechanical Perturbation of Bacterial Translation Fidelity
- Dr. Magdalena Pasarica
  - Received an extramural grant for \$3,500 from MetaboLogix LLC as Principal Investigator for obesity management training program for health professionals: using active learning techniques to improve patient outcome
  - Received a grant for \$300 from Florida Academy of Family Physicians- What is Family Medicine? Sparking students’ interest in Family Medicine as a specialty
  - Invited to speak for the Institute for Healthy Living, Paso Del Norte, Texas-Physical Exam and Investigations for Obesity–Practical Obesity Management Course- August 19, 2018, El Paso, TX
  - Received a grant for Evaluation of serum free media on C2C12 and MG1 skeletal muscle cells

“Coming together is a beginning. Keeping together is progress. Working together is success.”

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### Awards, Recognition and Service Continued

- Dr. Otto Phanstiel
  - Filed a patent for a new non-polyamine based polyamine transport inhibitors developed in the Phanstiel lab in collaboration with Sanford Burnham, Aug 2018
  - Filed a patent for new large amino acid transporter (LAT-1) inhibitors, in collaboration with Torrey Pines Institute for Molecular Studies, Sep 2018
- Dr. Kyle Rohde, co-pi
  - Received a grant for Synthesis of natural product scaffold selectively active against dormant Mycobacterium tuberculosis
- Dr. Dinender Singla
  - Received a grant for BMP-7 Modulates Inflammation induced cell death in Diabetic Cardiac and Skeletal Muscle
  - Invited as a faculty member to give a talk on "Embryonic Stem Cells Derived Exosomes Inhibit Doxorubicin-Induced TLR4/NLRP3 Mediated Cardiac Myocyte Cell Death-Pyroptosis in Heart Failure" in the NCCR & ACSS 2018 at the 16th Nanjing Course on Cardiac Revascularization & ACS Symposium (NCCR & ACSS 2018)
- Dr. Tara Strutt
  - Received a grant for Memory T cell protection of reproductive health following influenza infection
- Dr. Kiminobu Sugaya
  - Received a grant for Evaluation of serum free media on C2C12 and MG1 skeletal muscle cells
- Dr. ZL Tabatabai, Auger M, Souers RJ, Teot L, Davey DD
  - Filed patent for performance characteristics of cerebrospinal fluid cytology: An analysis of responses from the College of American Pathologists Interlaboratory Nongynecologic Cytopathology Education Program. Arch Pathol Lab Med 2018;142:833-837 (July). PMID: 269624076
- Dr. Marcy Verduin
  - Became President of the Association for Academic Psychiatry in September (complete one year term as President)