



**AMERICAN COLLEGE OF VETERINARY INTERNAL MEDICINE
(ACVIM)**

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ACVIM.org



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FOR IMMEDIATE RELEASE

The ACVIM and the Purina Institute Announce Resident Research Grant Winners

Greenwood Village, Colo. (March 25, 2021) The American College of Veterinary Internal Medicine (ACVIM) and the Purina Institute are pleased to announce 17 residents whose research has been awarded Resident Research Grant funding in 2020.

The ACVIM offers funding to provide a stimulating research experience for ACVIM residents by working with experienced research-scientist mentors. By offering a variety of grant funding opportunities, the ACVIM continues to be dedicated to being the trusted leader in veterinary education, discovery and medical excellence. In 2020, over \$150,000 was available to residents to fund these initiatives. To demonstrate support of veterinary residents, the Purina Institute awarded \$80,000 to nine research grants for small animal initiatives. The ACVIM and the Purina Institute partner together to work toward a mutual goal of facilitating knowledge exchange, promoting collaboration and supporting the thought leaders of the future and their work to advance scientific research in veterinary care.

Award recipient Dr. Sarifa Lakhdir extends gratitude for the opportunity to continue advancing the field of veterinary medicine, "I am very grateful to the ACVIM and the Purina Institute for supporting my resident research project. In doing so, you are playing an integral role in my education and in my efforts to contribute meaningfully to advancing the field of veterinary cardiology."

Aimed specifically toward first-and second-year residents, this funding opportunity sets the stage for early career growth as award recipient Dr. Eduardo J Benjamin touches on, "The ACVIM Resident Research program is a remarkable resource dedicated to augment the growth of young clinical science researchers. I am very grateful for the support received by the ACVIM for my project."

The award recipients are listed below and can also be found on the ACVIM website by visiting the [grants page](#).

ACVIM Resident Research Grants in Partnership with Purina Institute

Dr. Lauren Carvalho (SAIM)

(Tufts University)

"Calcium and phosphorus intake, serum levels, and urinary excretion in cats with nephrolithiasis"

Dr. Petra Cerna (SAIM)

(Colorado State University)

"The effect of Polyphenyl Immunostimulant on immune functions of healthy cats"

Dr. Danielle Daw (SAIM)

(University of Georgia)

“Assessment of efficacy and opioid sparing ability of a long-acting local anesthetic, bupivacaine liposomal injectable (Nocita), following thoracolumbar hemilaminectomy in dogs”

Dr. Leah Freilich (SAIM)

(Kansas State University)

“Effect of dietary nutrient profile on plasma glucagon-like peptide 2 concentrations in healthy cats”

Dr. Yoshimi Iwaki (SAIM)

(Auburn University)

“Evaluation of synergistic cytotoxic effect of zoledronate and chemotherapeutic agents in canine osteosarcoma cells”

Dr. Sarifa Lakhdir (SAIM)

(Atlantic Veterinary College, UPEI)

“Use of 2- and 3-dimensional echocardiography for assessment of left ventricular outflow tract velocity and effective orifice area in dogs”

Dr. Lauren Porter (SAIM)

(University of Florida)

“Selective osmotic shock for islet isolation from the feline pancreas”

Dr. Janet Roque-Torres (SAIM)

(Purdue University)

“Effect of N-acetylcysteine, ascorbic acid, and alpha-tocopherol on oxidative and storage lesions in canine packed red blood cells”

Dr. Lilian Shen (SAIM)

(University of Florida)

“Fibroblast cell isolation and expansion and iPSC derivation in purebred Maine Coon and Ragdoll cats”

ACVIM Resident Research Grant Winners

Dr. Eduardo J Benjamin (SAIM)

(Washington State University)

“Side Effects of a Commonly Used Antianxiety Medication Trazodone in Dogs, Primary Hemostasis and QT interval prolongation: A double blinded placebo-controlled crossover study.”

Dr. Brianna Clark (LAIM)

(The University of Queensland)

“Epidemiological and genetic evaluation of insulin dysregulation in ponies”

Dr. Megan Kelley (SAIM)

(Kansas State University)

“Renal and cardiac effects of diltiazem continuous infusion in healthy dogs”

Dr. Assaad Khoury (LAIM)

(Tufts University)

“Therapeutic effects of Vitamin D supplementation on airway inflammation in asthmatic horses”

Dr. Kathrina Mathews (SAIM)

(University of California, Davis)

“Characterization of community shifts of the microbiome and metabolome in dogs with clinical granulomatous meningoencephalitis”

Dr. Rachel Pfeifle (LAIM)

(Auburn University)

“Multi-dose misoprostol pharmacokinetics and its effect on the fecal microbiome in healthy, adult horses”

Dr. Julianne White (LAIM)

(Michigan State University)

“Effects of phenylbutazone, firocoxib, and dipyron on the diuretic effect of furosemide in horses”

Dr. Mariko Yata (SAIM)

(North Carolina State University)

“Population pharmacokinetics and cardiovascular effects of sildenafil in dogs with naturally occurring pulmonary hypertension”

To find out more information please visit, the [grants page](#) on ACVIM.org.

About the ACVIM:

Based in Greenwood Village, Colorado, the American College of Veterinary Internal Medicine is the certifying organization for veterinary specialists in cardiology, large animal internal medicine, neurology, oncology, and small animal internal medicine. With more than 3000 members, the ACVIM is dedicated to improving the lives of animals and people globally and being the trusted leader in veterinary education, discovery and medical excellence. To learn more about the ACVIM visit [ACVIM.org](#).

About the Purina Institute

Serving as the global voice of Purina’s science and its more than 500 scientists and pet care experts, the Purina Institute connects the most innovative minds in pet health by facilitating knowledge exchange and collaboration with veterinary and scientific thought leaders around the world. As a champion of nutrition, the Purina Institute will share the company’s latest scientific breakthroughs and will provide objective, fact-based information sourced from the wider scientific community on current trending topics across pet and human nutrition with the goal of putting nutrition at the forefront of pet health discussions. To learn more about the Purina Institute visit [purinainstitute.com](#)

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