

2023/24 ACVD/AAVD Grant Committee Report

Committee members: 2022-2023

Dr Kacie Blessing, Dr Valerie Fadok, Dr Elizabeth Layne, Dr Clarissa Souza, Dr Andrea Cannon Dr Hilary Jackson (chair)

Call for grant proposals: May (resident) & November (resident/ ACVD/AAVD)

Grant monies available 2023:

Zoetis members \$10 000 Allergic dermatitis in dogs and cats

Zoetis Residents \$5000 Allergic dermatitis in dogs and cats

ACVD/AAVD fund \$60 000 (Nov) Resident 2x \$15 000 (May/ Nov)

Proposals May 2023

Submitted: 5 grants: 3 resident, 2 member

Transcriptional disease profiling of canine sebaceous adenitis skin lesions in Standard Poodles using a microarray analysis

Dr Chong, U of Georgia, resident

\$14,871.60

Effect of fluorescence photobiomodulation on canine progenitor epidermal keratinocytes (CPEK) with and without *Staphylococcus pseudintermedius* colonization

Dr Santoro, U of Florida

\$10 000 (Zoetis)

The effect of dilution and exposure time of currently available chlorhexidine containing shampoos against *Staphylococcus pseudintermedius* in vitro

Dr Binversie, Iowa State university, resident

\$4908.60

Proposals Nov 2023

Submitted: 6 grants; 3 member, 3 resident

Transcriptional disease profiling of canine pemphigus foliaceus skin lesions using deep RNA sequencing avenues for novel drug discovery.

Frane Banovic, University of Georgia

Member Grant \$14,094

The effect of season on intradermal and IgE serology tests in dogs with atopic dermatitis.

Jade Faucher

ACVD Resident grant \$13,608

There was additional available money in the member grant category (\$45 906) and funding a second grant was considered however the submitted grant was not considered robust. These authors have been invited to resubmit providing preliminary data for their project. An additional call this year for members for \$45 000

was agreed in May 2024. The resubmitted grant (if indeed it is resubmitted) will be considered equally in the pool of submitted grants.

Presented

In vitro activity of fluorescence photobiomodulation therapy on meticillin-susceptible and -resistant *Staphylococcus pseudintermedius* and *S. aureus*. Lundberg T. Hathcock R. A. Kennis A. G. White (Auburn University) NAVDF 2023

ACVD resident grant 2021

Comparison of commercial PCR assays to conventional culture methods for bacterial identification and antibiotic susceptibility of canine pyoderma

K. Smart, J. B. Pieper, A. Viall, J. O. Noxon, D. J. Berger

Iowa State University
ACVD resident grant 2021
Submitted for publication

Published

Fleischman DA, Morris DO. Pilot study to determine the concordance between skin prick and intradermal test (IDT) reactivity to environmental allergens in atopic dogs using IDT as the gold standard. *Vet Dermatol.* 2023 Dec;34(6):505-513. doi: 10.1111/vde.13187
Stallergenes Greer Grant 2020

Marshall K, Marsella R. Topical Bacteriophage Therapy for Staphylococcal Superficial Pyoderma in Horses: A Double-Blind, Placebo-Controlled Pilot Study. *Pathogens.* 2023 Jun 14;12(6):828. doi: 10.3390/pathogens12060828
Resident ACVD Grant 2021

Keating MK, Rosenkrantz WS, Keller SM, Moore PF. Evaluation of clonality from multiple anatomic sites in canine epitheliotropic T cell lymphoma. *Vet Dermatol.* 2022 Dec;33(6):559-567.
Resident ACVD grant 2021

[Sarah Taylor Lewis](#), [Robert Allen Kennis](#), [Stuart Charles Clark-Price](#), [Amelia Grant White](#)
Influence of a single oral dose of trazodone on intradermal histamine reactivity in clinically healthy dogs *Veterinary Dermatology* 2023 <https://doi.org/10.1111/vde.13204>
Resident ACVD Grant 2020

Extensions granted:

Intradermal immunotherapy with a heat-killed actinomycetales bacterin preparation as adjunctive treatment for canine pythiosis: a multicentric, randomized, controlled, clinical trial
Dr Santoro ACVD member grant. Until July 2025; to collect more case material

In vitro comparison of dilution and exposure time of currently available chlorhexidine shampoos against *Staphylococcus pseudintermedius*
Dr Binversie, resident, Iowa State university until August 2024

Between May 2019-Nov 2021

9 resident grants were awarded of which 7 have been published
3 Member grants were awarded; 1 published, one final report received/ publication in progress and one extension granted

Nov 2021- Nov 2024

8 resident grants awarded, 2 presented and 2 submitted for publication

4 member grants awarded

Further comments

In association with the ACVD the grant committee are developing an initiative to improve resident training around grant applications and research project development. In addition to making the marking scheme available on the website and a successful grant application available we plan to invite members to develop webinars on 1. Evaluating scientific Studies 2. Grant Writing and 3. Manuscript writing

I have had a couple of queries from residents in private practice regarding obtaining ethical approval for their research projects and I understand there is no independent body in the USA to oversee ethical approval outside the Universities. There is clearly an unmet need in this regard as most journals will not accept papers involving animal subjects without evidence of approval and where appropriate, client consent. It is a requirement of a successful grant application that ethical approval is demonstrated and a client consent form provided. I am aware that this is under discussion at committee level.

Respectfully

Hilary Jackson
ACVD/AAVD Grant Chair