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Influence of Microbiome on Canine Health & Disease Request for Proposals

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AKC Canine Health Foundation

2023 Canine Microbiome Request for Proposals (RFP)

[Canine Health \(http://www.akcchf.org/canine-health/\)](http://www.akcchf.org/canine-health/)
 The mission of the AKC Canine Health Foundation (CHF) is to advance the health of all dogs and their owners by funding sound scientific research and supporting the dissemination of health information to prevent, treat and cure canine disease. CHF supports a One Health model as a critical tool to achieving this vision, with a multidisciplinary approach to addressing the health needs of all dogs and their people. While CHF supports a One Health approach, proposed research outcomes must benefit dogs.

[Educational Resources \(http://www.akcchf.org/educational-resources/\)](http://www.akcchf.org/educational-resources/)

The Foundation is focused on funding innovative research with an emphasis on the influence of the microbiome on canine health and disease through several of its Research Program Areas (<http://www.akcchf.org/research/application-process/program-area-rfps/>).

[Canine microbiota are composed of a complex collection of microbial communities living in and on the canine body. The Foundation is interested in conditions related to dermatological, reproductive \(uterine and vaginal\), oral cavity, ear canal, respiratory, and gastrointestinal microbiomes. Proposals may aim to improve current understanding of the microbiome, microbiota function, and microenvironment modulation, leading to advances in new diagnostics, therapeutic options, and contributions to health \(or disease\). \(http://www.akcchf.org/research/help/\)](http://www.akcchf.org/research/)

Proposals accepted through this RFP include the following CHF research program areas: **Dental Disease or Infections (General Canine Health), Dermatology & Allergic Disease, Gastrointestinal Disease, and Respiratory Disease, and Reproductive Conditions.** Proposals that fall under a research program area other than the aforementioned areas will NOT be accepted for scientific research at this time. Comparative studies are encouraged.

Research topics may emphasize the canine microbiota influence as it pertains to genetics, mechanisms of disease, multi-omic approaches, pathology and molecular basis of disease, epidemiology and environmental factors, and clinical application of research findings. Applications addressing microbiome diversity, role in host metabolism, its influence on physiological functions, nutrition, life stage health and immunity, and the human-dog connection or microbial communities, including personal microbial signatures are encouraged.

The deadline for online applications is Thursday January 19th, 2023 at 11:59 PM Eastern. Both Acorn (up to \$20,000 including 8% maximum indirect costs) and Oak (over \$20,000 including 8% maximum indirect costs) grant proposals that can be completed within the budget will be accepted for review. On average, CHF studies are \$50,000 and two years in length.

Please contact chfgrants@akcchf.org (mailto:chfgrants@akcchf.org) as soon as possible if you have administrative, scientific, or budgetary questions.

Application guidelines and an updated proposal template can be found here (<https://www.akcchf.org/research/application-process/application-templates/>) to help ensure all required elements of each application are complete prior to online submission. All work completed under this funding must strictly adhere to the Foundation's Humane Use of Animals Policy (<https://www.akcchf.org/research/application-process/Humane-Use-of-Animals-Policy.pdf>) and eligibility requirements (<https://www.akcchf.org/research/application-process/funding-eligibility/>).

Educational Resources

Investigators are encouraged to contact us regarding suitability of proposals. Inquiries regarding educational resources should be directed to Programs Staff at chfgrants@akcchf.org (mailto:chfgrants@akcchf.org) or the following contacts listed below.

Jennifer MacLeay, MBA, DVM, PhD, DACVIM

Chief Scientific Officer
 Research (<http://www.akcchf.org/research/>)
 Email: imm@akcchf.org (mailto:imm@akcchf.org)

Andrea Fiumefreddo, MS

VP of Programs & Operations

How to Help (<http://www.akcchf.org/how-to-help/>)
 Email: arf@akcchf.org (mailto:arf@akcchf.org)

Please forward this announcement to other researchers seeking funding in this area of research.

Please note a new application template has been released. All templates can be referenced here (<https://www.akcchf.org/research/application-process/application-templates/>). Use the appropriate links below to submit your proposal online.

Open Application (https://www.GrantRequest.com/SID_1120?SA=5NA&FIID=35044) – studies up to \$20,000 including 8% maximum indirect costs.

Open Application (https://www.GrantRequest.com/SID_1120?SA=5NA&FIID=35044) – for this RFP, studies greater than \$20,000 including 8% maximum indirect costs.

Access Sample Applications (<https://www.grantrequest.com/Login.aspx?ReturnUrl=%2faccountmanager.aspx%3fSA%3dAM%26SID%3d1120&SA=AM&sid=1120>)

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Help Future Generations of Dogs

Participate in canine health research by providing samples or by enrolling in a clinical trial.

Samples are needed from healthy dogs and dogs affected by specific diseases.

LEARN HOW TO HELP ([HTTP://WWW.AKCCHF.ORG/RESEARCH/PARTICIPATE-IN-RESEARCH/](http://www.akcchf.org/research/participate-in-research/))

Research (<http://www.akcchf.org/research/>)

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For Your Dog's Health (<http://www.akcchf.org>)

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(<http://www.akcchf.org/educational-resources/veterinary-professionals.html>)

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Genetic Consultation

(<http://www.akcchf.org/educational-resources/genetics-counseling/genetic-counseling.html>)

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(<http://www.akcchf.org/research/for-researchers/>)

Research Program Areas

(<http://www.akcchf.org/research/research-portfolio/program-area/>)



(<https://www.charitynavigator.org/index.cfm?search=&memory=&logic=5015#%3BqWfIVhHw>)



(<https://www.guidestar.org/profile/13-3813813>)

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