



WINN FELINE FOUNDATION

For the Health and Well-being of All Cats

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THE FELINE SKIN MICROBIOME AND MYCOBIOME

PROJECT STUDY: The feline skin microbiome and mycobiome in health and disease

Aline Rodrigues Hoffman; Texas A&M University College of Veterinary Medicine
Final report summary, MT 14-018

This study examined the resident flora of various skin locales on a normal cat. The investigators found that the microbiome is diverse, with significant variability depending on body site. The diversity appears to be comparable to that of canine skin. The microbiota of haired skin were more rich and diverse than mucosal sites. Further studies are needed to evaluate differences that environmental parameters may exhibit. The skin of allergic cats were colonized differently compared to healthy individuals, and were not in fact less diverse than that of normal cats. The study provides the baseline data to develop strategies to discover how the skin microbiome influences skin diseases.

Summary prepared by Melissa A. Kennedy, DVM, PhD, DACVIM © 2016

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