



UC DAVIS
SCHOOL OF MEDICINE

HMSB Core Services

I. Microbial Community Surveys

- A. 16S rRNA
- B. Metagenomics

II. Gene Expression Analysis

- A. Microarray
- B. RNAseq

III. Host-Microbe Studies

Correlative analyses of host-microbe interaction



Host-Microbe Systems Biology Core
Genome & Biomedical Science
Facility Room 5212
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<http://www.ucdmc.ucdavis.edu/med/micro/hmsbcore/index.html>

New!!

Host Microbe Systems Biology Core

The new HMSB Core provides researchers with a one-stop cost-effective resource for sample processing AND data analysis

"Fantastic service! We needed to check bacteriology in the kidneys of a cluster of dogs that were dying of acute kidney failure. The HMSB Core processed our samples rapidly for Next-Generation Sequencing and provided a detailed analysis of the sequence data for a very reasonable price. We look forward to continuing to utilize the HMSB Core's services in the future."

Anderson Moores Veterinary Specialists, Winchester, UK

"The HMSB Core did a fantastic job with my samples. They provided fast and reasonably priced service, and they were professional, friendly, and responsive to e-mails. They answered all my questions and provided support in interpreting the results. They provided all the details and information I needed to create a methods section for my publication. I am very pleased with this service and look forward to working with the core again for my upcoming studies."

Angela Zivkovic, Ph.D., Foods For Health Institute, UC Davis

HMSB Core Resources & Shared Equipment

Affymetrix GeneChip™ System

Qiagen QIAcube™

Arcturus XT™ LCM System
Applied Biosystems ViiA 7™

Qiagen PyroMark Q24™
LI-COR Odyssey™