Positions Available for UCSD Research Training Program for Veterinarians

Program Title: UCSD Research Training for Veterinarians
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Sponsor: NIH Office of Research Infrastructure Programs – Comparative Medicine

The Center for Veterinary Sciences and Comparative Medicine in San Diego http://vetsciences.ucsd.edu offers a research training program for veterinary graduates as post-doctoral fellows or to enroll in a PhD program. The objective of the program is to prepare veterinary graduates for a career in biomedical research.

Eligibility:
- DVM/VMD degree from an AVMA-accredited school (or completed all ECFVG or PAVE requirements)
- Commitment to pursue a basic research training
- U.S. citizen or permanent resident

Interested persons should submit a cover letter stating career goals, plus their curriculum vitae, veterinary and any graduate school transcripts, GRE scores and the names, addresses, e-mail addresses and telephone numbers of at least 3 professional references to Dr. Peter Ernst, pernst@ucsd.edu. Up to three positions are available for appointment beginning before June 30, 2014. Early application is encouraged as we have a rolling review and admissions policy. For more information, contact Drs. P. Ernst or C. Sigurdson at veterinarysciences@ucsd.edu.

Research Training Faculty
- Kim E. Barrett, PhD
- Lars Bode, PhD
- David Brenner, MD
- David Broide, MD
- Jack Bui, MD, PhD
- John Chang MD
- Lynette Corbeil, DVM, PhD
- Sheila E. Crowe, MD
- Pieter Dorrestein, PhD
- Lars Eckmann, MD, PhD
- Peter Ernst, DVM, PhD
- Pascal Gagneux, PhD
- Steve Gonias, MD, PhD
- Michael Karin, PhD
- Robert Naviaux, MD, PhD
- Victor Nizet, MD
- Mana Parast, MD, PhD
- Sharon Reed, MD
- Robert Rickert, PhD
- Jesus Rivera-Nieves, MD
- Christina Sigurdson, DVM, PhD
- Ajit Varki, MD, PhD
- Nissi Varki, MD
- Tony Yaksh, PhD

- Epithelial transport and barrier function
- The role for oligosaccharides in human and bovine milk
- Fibrosis and fatty liver disease
- Allergy and asthma, food allergy
- Tumor immunology
- T cell biology in inflammatory bowel disease
- Mucosal immunity to infections of the respiratory or urogenital tracts
- Oxidative stress in gastrointestinal infections
- Mass spectrometry based methods to study disease in animals
- Cytokine responses in mucosal immunity
- Immunopathology of gastrointestinal disease
- Glycobiology in evolution from nonhuman primates to humans
- Signaling and tumor biology
- Molecular biology of inflammation and cancer
- Metabolic and mitochondrial disease and metagenomics
- Host responses to infectious diseases
- Stem cell biology in the reproductive tract
- Mucosal immunity to Entamoeba histolytica
- B cell development and their role in inflammation
- Pathogenesis of inflammatory bowel diseases
- Food-borne illnesses and neurodegenerative diseases/prions
- Glycobiology and evolution in nonhuman primates
- Comparative pathology and phenotyping
- Pain research and comparative anesthesiology