

PATENT DUCTUS ARTERIOSUS

Genetic aspects in Weimaraners

Background

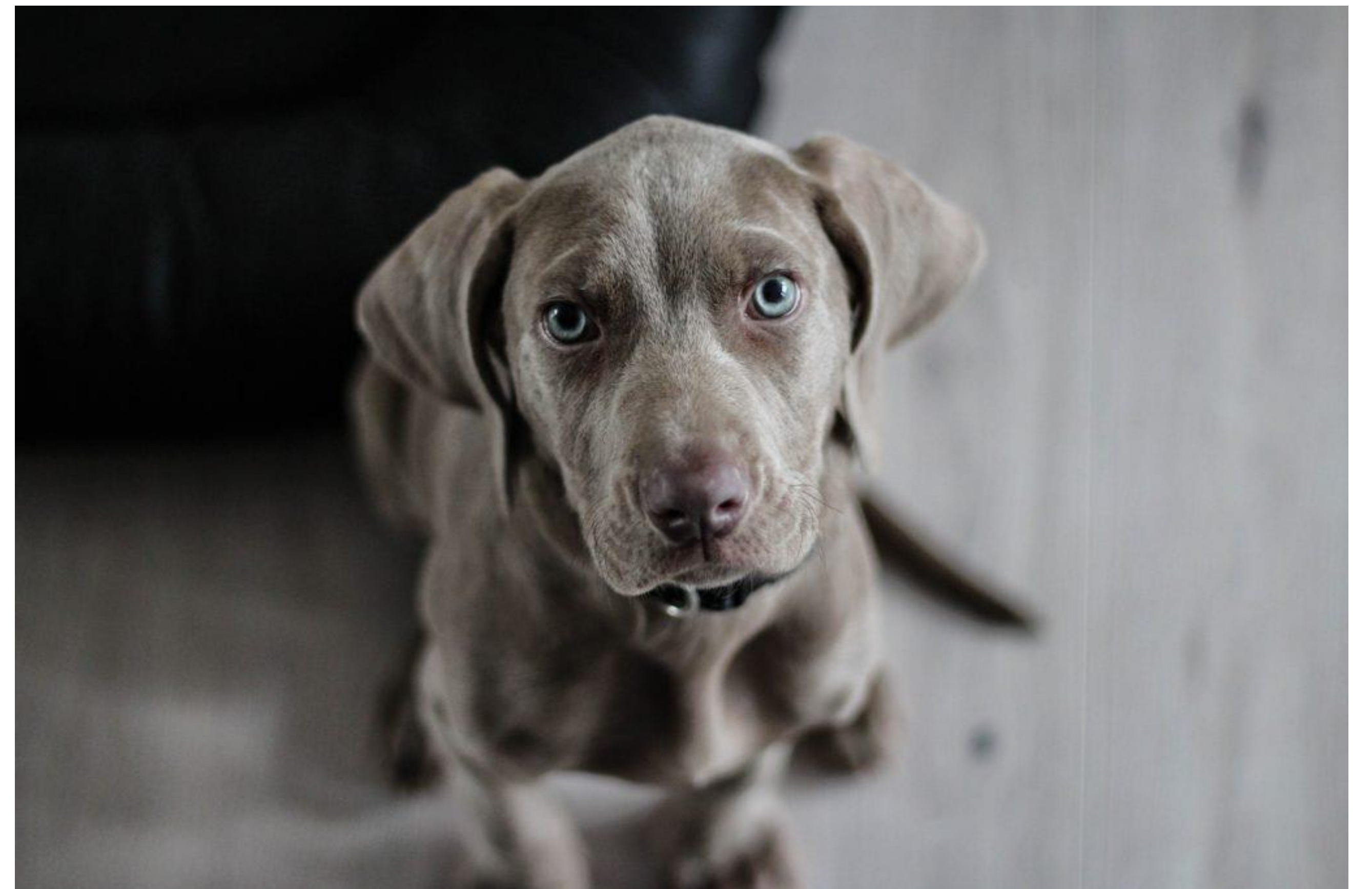
- Patent ductus arteriosus (PDA) is the most common heart defect diagnosed in dogs. Left untreated, approximately 64% of dogs will develop congestive heart failure and die within 1 year of diagnosis. There has been an increasing number of reports of Weimaraners with a PDA suggesting this may be an emerging health issue within the breed.
- The objective of this study is to identify genetic variants associated with PDA in Weimaraners that can be used to develop a genetic test and aid breeding practices. We are in need of collecting additional information from PDA affected Weimaraners. If you own a Weimaraner that has been diagnosed with a PDA by a veterinary cardiologist please contact us. All information in this study is completely confidential and identities of PDA affected Weimaraners will not be disclosed.

Requirements

- Weimaraners that have been diagnosed with a PDA via echocardiogram by a board-certified veterinary cardiologist
- Parents, offspring, and/or littermates of Weimaraners diagnosed with a PDA

Primary Investigators

- Dr. Stacey Leach, DVM, DACVIM
Assistant Professor of Cardiology
- Dr. Gary Johnson, DVM, PhD
Director of the Animal Molecular Genetics Laboratory.



How You Can Help

Submission of the following:

- A completed enrollment form
- A copy of a 3-5 generation pedigree if available
- A copy of the echocardiographic report
- 3-5 ml of whole blood (EDTA, aka purple top)

Please contact us for additional information:
Email: MUcvmCardiology@missouri.edu

