

MARSHBANKS GRC

DNA DATABASE COLLECTION CLINIC

(In Conjunction with Heart Clinic – See Flyer)

April 28, 2019 8:00 AM to 3:30 PM

Northfield Dog Training, 3676 W. Ellsworth Road, Ann Arbor, MI 48103



WHAT IS THE CHIC DNA DATABASE REPOSITORY?

The CHIC DNA Repository collects and stores canine DNA samples, along with pedigree and health information, to facilitate future research and testing aimed at reducing the incidence of inherited disease in dogs. Since 2005 Dr. Michael Lappin has conducted DNA Database Collections at the GRCA National Specialties – yet, currently there are only about 4000 Golden DNA samples on file – a very small sample of the Golden population.

WHY CONTRIBUTE DNA TO THE DNA DATABASE REPOSITORY?

Recently, when NCL presented in several Golden Retrievers in 2015, the University of Missouri used DNA from the CHIC DNA Repository to identify the specific marker for NCL5 in Golden Retrievers. As a result, they were able to develop a Genetic Test to identify whether Golden Retrievers are Affected, Carriers or Clear of this fatal disease. Knowing the status of your dog allows you to make breeding decisions to insure another Carrier x Carrier breeding never occurs. Had the DNA Database not been available, this test could not have been as quickly developed and available for use by Golden Retriever Breeders and Owners. Research projects are ongoing everywhere using the DNA Database – and your dog can be an important part of health research.

To be most useful for research, it is important to have a diverse and statistically representative sample of the Golden Retriever population in the DNA Database. Not only is it important for every owner to contribute to the DNA Database, it is extremely important that Golden Retrievers from Field and Show lines are represented equally. Any Golden Retriever welcome – titles not required!

HOW DO I PARTICIPATE WITH MY DOGS?

A simple blood draw is all it takes to make your dogs a part of the CHIC DNA Repository. No fasting required. There is no fee for participation at this clinic, as the Golden Retriever Foundation pays the \$20 fee for each Golden Retriever's submission! Other breeds will be charged the \$20 fee – Make check payable to OFA. Your dog will be assigned a DNA Database number and it will appear on their online OFA record.

Any age Golden Retriever may donate – bring all the dogs at your house! Please print off a copy of your dog's k9data pedigree or bring a copy of your AKC Certified Pedigree for each dog.

YOU MUST COMPLETE THE ATTACHED FORM – PLEASE BRING IT WITH YOU!

Appointments by pre-registration recommended. You will be scheduled following your heart exam if you are participating in the Heart Clinic. Day of event walk-ins will be accommodated as soon as possible, but extra collection kits are limited.

Email ShorLine_Goldens@hotmail.com to pre-register – Your Name, Dog(s) Names and Breed Only. **DO NOT send the attached form or pedigrees in advance.**

CLINIC FORMS are available on our website: www.marshbanksgrcmi.org





CHIC DNA Repository
 2300 E Nifong Blvd, Columbia, MO 65201-3806
 Phone: (573) 442-0418; Fax: (573) 8785-5073
www.caninehealthinfo.org Sponsored by

Call Name:



Application for DNA Repository

(Golden Retriever Club of America National DNA Collections)

<p>Previous application number (if any) _____</p> <p>Registered name _____</p> <p>Breed _____</p> <p>ID number <input type="checkbox"/> Tattoo <input type="checkbox"/> Microchip _____</p> <p>Owner name _____</p> <p>Street address _____</p> <p>City _____ State/Province _____ Zip/postal code _____</p>	<p>Registration number <input type="checkbox"/> AKC <input type="checkbox"/> CKC <input type="checkbox"/> Other _____</p> <p>Sex _____ color _____</p> <p>Date of birth (month-day-year) _____</p> <p>Registration # of sire _____ registration # of dam _____</p> <p>Co-owner name _____</p> <p>Owner email _____</p> <p>Owner phone _____</p>
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DNA Sample Submission Agreement

I hereby donate, assign, and transfer a DNA sample of the dog named above to the CHIC DNA Repository for research purposes and warrant my authority to do so. I understand that any future use or distribution of this DNA sample will be within the sole direction and authority of the CHIC DNA Repository. I further understand that any distribution of samples to researchers will be in a blind format that maintains the anonymity of the dog and owner identities. If a researcher requires further information regarding an individual dog, owner contact will be initiated through CHIC. My intent in providing this DNA sample is to further research into canine health issues. I hereby relinquish all rights to, and ownership of, the DNA sample.

 Signature of owner/agent

 Date

Mission Statement

The CHIC DNA Repository, co-sponsored by the OFA and the AKC/CHF, collects and stores canine DNA samples along with corresponding genealogic and phenotypic information to facilitate future research and testing aimed at reducing the incidence of inherited disease in dogs.

Objectives

- Facilitate more rapid research progress by expediting the sample collection process
- Provide researchers with optimized family groups needed for research
- Allow breeders to take advantage of future DNA based disease tests as they become available
- Foster a team environment between breeders/owners and the research community improving the likelihood of genetic discovery



CHIC DNA Repository Health Survey

Has this dog ever been diagnosed with any of the following health issues?

For each section you answer with a yes, please fill out the rest of the section. If you answer no to any section, skip to the next section.

Eye Disorders Yes No

- Distichiasis
- Dry Eye
- Entropion
- Juvenile Cataracts
- Non Healing Corneal Ulcer
- Retinal Dysplasia
- Persistent Pupillary Membrane
- Glaucoma
- Cherry Eye
- Other _____

Ear Disorders Yes No

- Chronic ear infection
- Deafness (if yes, describe coat color/pattern)
- Other _____

Skin Disorders Yes No

- Atopic Dermatitis (allergy to inhaled substances)
- Food/Medicine Allergies
- Alopecia
- Autoimmune Skin Disease
- Systemic Demodectic Mange
- Sebaceous adenitis
- Seborrhea
- Other _____

Gastrointestinal Disorders Yes No

- Pyloric Stenosis
- Megaesophagus
- Cleft Palate
- Chronic Vomiting
- Chronic Colitis
- Inflammatory Bowel Disease
- Other _____

Respiratory Disorders Yes No

- Congenital Tracheal Stenosis (narrow trachea)
- Stenotic Nares
- Elongated Soft Palate
- Laryngeal Paralysis
- Other _____

Orthopedic Disorders Yes No

- Hip Dysplasia
- Patellar Luxation
- Elbow Dysplasia
- Premature IVD (intervertebral disc degeneration)
- Vertebral Anomalies
- HOD
- Other _____

Cardiac Disorders Yes No

- Vascular Ring (right aortic arch)
- Subaortic Stenosis
- Pulmonic Valve Stenosis
- Persistent Ductus Arteriosus
- Persistent Foramen Ovale
- Tricuspid Valve Defect
- Mitral Valve Defect
- Cardiomyopathy
- Porto-Systemic Vascular Shunt (Liver Shunt)
- Other _____

Urinary Disorders Yes No

- Ectopic Ureter
- Urinary Crystals / Stones
- Other _____

Blood/Lymph Disorders Yes No

- Autoimmune Hemolytic Anemia
- Hemophilia (Type A or B)
- Idiopathic Thrombocytopenia
- vonWillebrand's disease (Symptomatic?)
- Other _____

Endocrine Disorders Yes No

- Hypothyroid
- Addison's disease (adrenal insufficiency)
- Cushing's disease (adrenal oversecretion)
- Diabetes
- Other _____

Reproductive Disorders Yes No

- Cryptorchid/Monorchid
- Abnormal Sperm
- Testicular Atrophy
- Irregular heat cycle
- Uterine Inertia
- Other _____

Neurologic Disorders Yes No

- Epilepsy
- Caudea Equina Syndrome
- Degenerative Myelopathy
- NCL Clear Carrier Affected
- Other _____

Cancer/Tumors Yes No

- Mast cell tumor
- Lymphoma
- Hemangiosarcoma
- Testicular cancer
- Mammary cancer
- Osteosarcoma
- Other _____