

6th IDHW Online Event: 16-17 April 2026



INTERNATIONAL 6TH DOG HEALTH WORKSHOP

All Roads Lead to Dog Health

16 – 17 April 2026
Online

30 May – 1 June 2026
Bologna, Italy

Lead Sponsor



Platinum Sponsor



Theme Updates from the 5th IDHW

INTERNATIONAL
6TH DOG HEALTH
WORKSHOP
All Roads Lead to Dog Health

Workshops:

- 5th International Dog Health Workshop, Helsinki, Finland (2024)
- Virtual Dog Health Forum (2025)

Themes:

1. Supply and Demand
2. Breeding for Health and Well-being
3. Big Data
4. Does the Colour Matter? Defining Breed vs Variety

Presentations, post-workshop information, and other resources are primarily within the Workshops section on dogwellnet.com. References for any cited or mentioned laws, articles, and research can be found in the Education section of dogwellnet.com

Theme 1: Supply and Demand

- *Illegal activities such as illegal importation need to be addressed through more effective legislation and enforcement.*
- *Explore new opportunities for better collaboration between researchers and other interested parties with greater access to consumers and breeders to provide the data and information on dog buyers needed to guide action.*
- *Explore new opportunities for better collaboration between researchers and other interested parties, with greater access to consumers and breeders to provide the data and information that dog buyers needed to guide action.*
- *Meet virtually on a regular basis, to ensure continued collaboration and exchange of ideas.*
- New UK laws are in development to address improved regulation of imports from EU (and beyond).
- Public misinformation and lack of knowledge around risks of (illegal) dog importation contributes to illegal puppy trade
- New data indicates underage (less than 6 weeks) puppies being bought and sold is still commonplace in the UK, despite being illegal. Ref. “Lucy’s Law”
- The first ever EU legislation on the welfare of dogs and cats, due to be applied in 2028, has the potential to crack down on illegal breeding and sales practices, including traceability, minimum standards for breeding establishments, and harmonized standards for puppies imported from
- IPFD is collecting information on relevant EU, UK, and global laws related to supply and demand in a dedicated Education section – please help!

Theme 2: Breeding for Health and Well-being

- *It is imperative that the welfare and lives of dogs are prioritized in all canine activities. Discussions need to continue, but the solutions improving canine health and welfare need to be found urgently.*
- *Kennel clubs need to communicate better and more forcefully with their judges to make them understand their role and responsibility in protecting the health and welfare of all breeds.*
- *More effective education and understanding within puppy buyers, breeders, and show judges is needed to ensure research and evidence are put at the heart of the action.*
- *All stakeholders who care about dogs should strive to be champions of canine health and welfare first and then to consider how this relates to maintaining existing breed concepts.*
- Launch of self-assessment/health assessment tools: E.g. All-Party Group on Animal Welfare (APGAW) in the UK, Innate Health Assessment (IHA). www.innatehealthassessment.org. RKC Nose-to-Tail assessment.
- The ISAG/WSAVA standardization/pathogenicity effort is moving along; validating a small number of pathological variants (all simple autosomal at this time) – additionally, focusing on the parameters/algorithm to classify variants as pathogenic.
- Royal Canin "Choose Health" initiative
- IPFD developed more breed/type-centered and “holistic” approach to global dog health and breeding programs, testing, etc. on dogwellnet.com (ongoing data population)
- IPFD Genetic Testing Survey Dec 2025

Theme 3: Big Data – Global Canine Data Alliance

- Launch a pilot project to test data collection and analysis.
- Set up a working group to identify which traits have currently Estimated Breeding Values (EBVs) in different countries and how these EBVs can be used more effectively.
- Create an online resource on DogWellNet.com to list key datasets held by different organizations for research purposes.
- Project-specific funding being sought to “speed up” development of GCDA
- KC’s have shown support for GCDA
- Project outline and proposal developed, by working group
- Pilot project: dogwellnet.com structure in place to host database catalogue – exploring additional supportive options
- Agria provided “seed” money

Global Canine Data Alliance

*Connecting Health, Genomic, and
Clinical Insights for Better
Breeding and Research*



Background

- Over recent decades, large volumes of phenotypic and genomic data have been collected:
 - Health screening (Hips/elbows)
 - Pedigree; parentage
 - Clinical records
 - Morbidity and longevity
 - Genomic (SNP, WGS)
- This data represents millions of dollars of investment, but is often inaccessible for maximized usage by kennel clubs and researchers

GCDA seeks to bridge these divides through collaboration, interoperability, and ethical data governance.

Strategic Goals

1. Global Data Mapping & Registry

Create a searchable Canine Data Registry (on DogWellNet.com) listing available datasets, metadata, and access policies from kennel clubs, researchers, veterinary networks, and industry partners.

2. Standardisation & Interoperability

3. Governance & Ethical Frameworks

4. Education & Communication

5. Research Collaboration Enablement

Theme 4: Does the Colour Matter? Defining Breed vs Variety

- *Routine crossbreeding between varieties of the same breed should be allowed and even promoted.*
- *Move towards harmonization of rules and terminology regarding breed varieties and crossbreeding.*
- *Gather information about the rules on crossbreeding in different countries.*
- *Make a series of webinars available globally through DogWellNet.com covering the history of breeding and experiences with crossbreeding, including best practices and common pitfalls.*
- *All stakeholders should give more attention to work to increase genetic diversity in dog breeds.*
- Several new cross-breeding studies published, on brachycephalic, and Poodles
- More discussion about cross breeding but no formal discussion of harmonization, of International crossbreeding in regard to brachycephalic breeds
- Finnish Kennel Club (2023 –) Strategic crossbreeding of the French Bulldog with: American Staffordshire Terrier, Jack Russell Terrier, Mittel Spitz, Swedish Farm Dog and Papillons/Phalènes; F1 puppies initially registered in a special "no-breeding" register; After health testing and temperament assessment, suitable individuals transferred to the special crossbreed register; Fourth-generation dogs can be registered as French Bulldogs
- German Kennel Club (VDH) (2022 –) Application for controlled crossbreeding approved by VDH board in late 2024; Selected female dogs undergo health examinations for hereditary diseases; Selection of potential mating partners based on weight, size, health and genetic checks; Multiple litters to date registered in an appendix to the studbook
- Danish Kennel Club (2024 –) Opened breed registries for English Bulldog, French Bulldog and Pug to dogs without FCI pedigree; Entry into registry requires a phenotypic evaluation and a maximum RFG grade of 0 or 1

Theme 4: Does the Colour Matter? Defining Breed vs Variety cont...

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- German Kennel Club (VDH) “Pug 2.0 project”; Opening the club's studbook to Pugs outside the VDH; Aiming for moderation: longer muzzle, open nostril, smaller nose fold, less wrinkling, ‘sportier’; Disorder testing of breeding dogs, including RFG
- Leonberger Development Register for F1 crosses in Leogen project up and running in UK
- RKC history of closed breed registers in the UK – webinar held June 2025, now on YouTube (1.5K views as at Feb 26).
- RKC breed health day, September 2025, talk by Sharon Springel about the Leogen project, now on YouTube
- RKC – Joanna Ilska leading work on numerically small populations – series of workshops in 2026 to discuss problems and strategies, also developing international group of experts in canine population genetics to advise and help coordinate these efforts in the future.

All Themes

- *Compile a list of studies related to the four workshop themes to be shared on DogWellNet.com.*
- *Educate puppy buyers, breeders, show judges, and other interested parties on issues that affect canine health and welfare.*
- Dogwellnet.com now hosts a “library” function within the Education section – we need your help to populate!

All Themes, next steps

- Any missing updates? Please send to aimee.llewellyn-Zaidi@ipfdogs.com
- Further information can be updated post-event, and at the 6th IDHW in-person in Bologna, Italy
- Theme Leaders and/or IPFD Team will be engaging with you between now and June
- Discussion: Changes to, or new priorities? Recommended **Actions?**

Prototype: Canine Data Registry

- Hosted on dogwellnet.com
- Stand-alone category
- Searchable directory of available dog health data information
- Can be cross-linked to the Breed sections, and Health Library
- Fully customizable, and can also include “requests” for data/on-going research information

dogwellnet
the dog wellness network

Library

Sections

Registry

Categories

Home > References > IPFD Research Projects and Partnerships

Canine Data Registry

A searchable database listing available datasets, metadata, and access policies from kennel club and industry partners.



Pacific Coast University

Clinical and genomic data on Salish Wool Dog



Survey: Dog Owner and Breeder Perceptions on Genetic Testing for Dogs

The International Partnership for Dogs seeks input from dog breeders and owners on their use of genetic testing to gain insights and deeper understanding of genetic...

Home > References > IPFD Research Projects and Partnerships

Prototype Canine Data Registry

- Output can be customized, and has in-built capabilities to search using various terms: data type, data source, breed, country of origin, etc.
- Can include samples of data
- Potential for expansion to host data as project grows
- Ownership/control over data is completely transparent and under the control of the data owner

The screenshot displays the Logwellnet website interface. On the left is a vertical navigation menu with the following items: Search, Breeds, Health Library, Test Providers, Organizations, Education (highlighted in green), Health Strategies, Workshops, and Events. Below these is a 'BROWSE' section with links to Articles, Old Breeds, Forums, Activity, Blogs, Gallery, Downloads, and Guidelines. The main content area on the right shows the breadcrumb trail: Home > References > IPFD Research Projects and Partnerships > Pacific Coast University. The title 'Pacific Coast University' is prominently displayed, followed by the subtitle 'Clinical and genomic data on Salish Wool Dog'. A text box contains the URL https://en.wikipedia.org/wiki/Salish_Wool_Dog with the label 'Website'. Below this is a small image of a dog. The section 'Open-Access Data Available:' lists 'Meta-data on 14 dogs, including pedigree data for 6 generations and 3 family units. Common ancestor c'. The 'Data with Permission:' section lists '1 WGS on male Salish Wool Dog'. An 'Additional Data' table shows a single entry: 'People' with the name 'Dr. James Smith'. The footer includes the 'ipfdogs' logo (International Partnership for Dogs) and navigation links for 'Navigation' and 'Disclaimer'.

Logwellnet
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Search

Breeds

Health Library

Test Providers

Organizations

Education

Health Strategies

Workshops

Events

BROWSE

Articles

Old Breeds

Forums

Activity

Blogs

Gallery

Downloads

Guidelines

ipfdogs International Partnership for Dogs

Home > References > IPFD Research Projects and Partnerships > Pacific Coast University

Pacific Coast University
Clinical and genomic data on Salish Wool Dog

https://en.wikipedia.org/wiki/Salish_Wool_Dog
Website

Open-Access Data Available:
Meta-data on 14 dogs, including pedigree data for 6 generations and 3 family units. Common ancestor c

Data with Permission:
1 WGS on male Salish Wool Dog

Additional Data

People
Dr. James Smith

Home > References > IPFD Research Projects and Partnerships > Pacific Coast University

Navigation Disclaimer

Prototype: Canine Data Registry

- Options for summary table
- Fully customizable
- Able to be integrated across dogwellnet breed-specific information

The Canine Genetics Centre - Imp... X +

endations/

Health Strategies > Breed Test Recommendations

DBS Home Breed Test Recommendations Genetic Tests Relevance

Health Data Available by Breed/Type and by Country

Dogwellnet staff poll and research specialty data to address gaps in knowledge regarding best practices for breeders, health providers, and others concerned with the health and welfare of dogs. This data is integrated throughout the Dogwellnet website but you may directly access these tables here for convenience.

1	2	3	4	5	6	NEXT	>>	PAGE 1 OF 135	SORT BY	ORDER BY
ORGANIZATION	BREED	COUNTRY	OVERALL CONDITION TO BE TESTED							
Affenpinscherklubben	Affenpinscher	SE	Endocrine and Pancreas							
Affenpinscherklubben	Affenpinscher	SE	Autoimmune and Allergies							
Affenpinscherklubben	Affenpinscher	SE	Reproductive							
AiredaleTerrierGillet	Airedale Terrier	SE	Autoimmune and Allergies							
AiredaleTerrierGillet	Airedale Terrier	SE	Skeletal and Muscular							
AiredaleTerrierGillet	Airedale Terrier	SE	Cancer and Neoplasia							
AiredaleTerrierGillet	Airedale Terrier	SE	Eye Conditions and Blindness							
AiredaleTerrierGillet	Airedale Terrier	SE	Temperament							
Club Français de l'Airedale Terrier & Terriers Divers	Border Terrier	FR	Skeletal and Muscular							
Club Français de l'Airedale Terrier & Terriers Divers	Border Terrier	FR	Neurological and Neuromuscular							

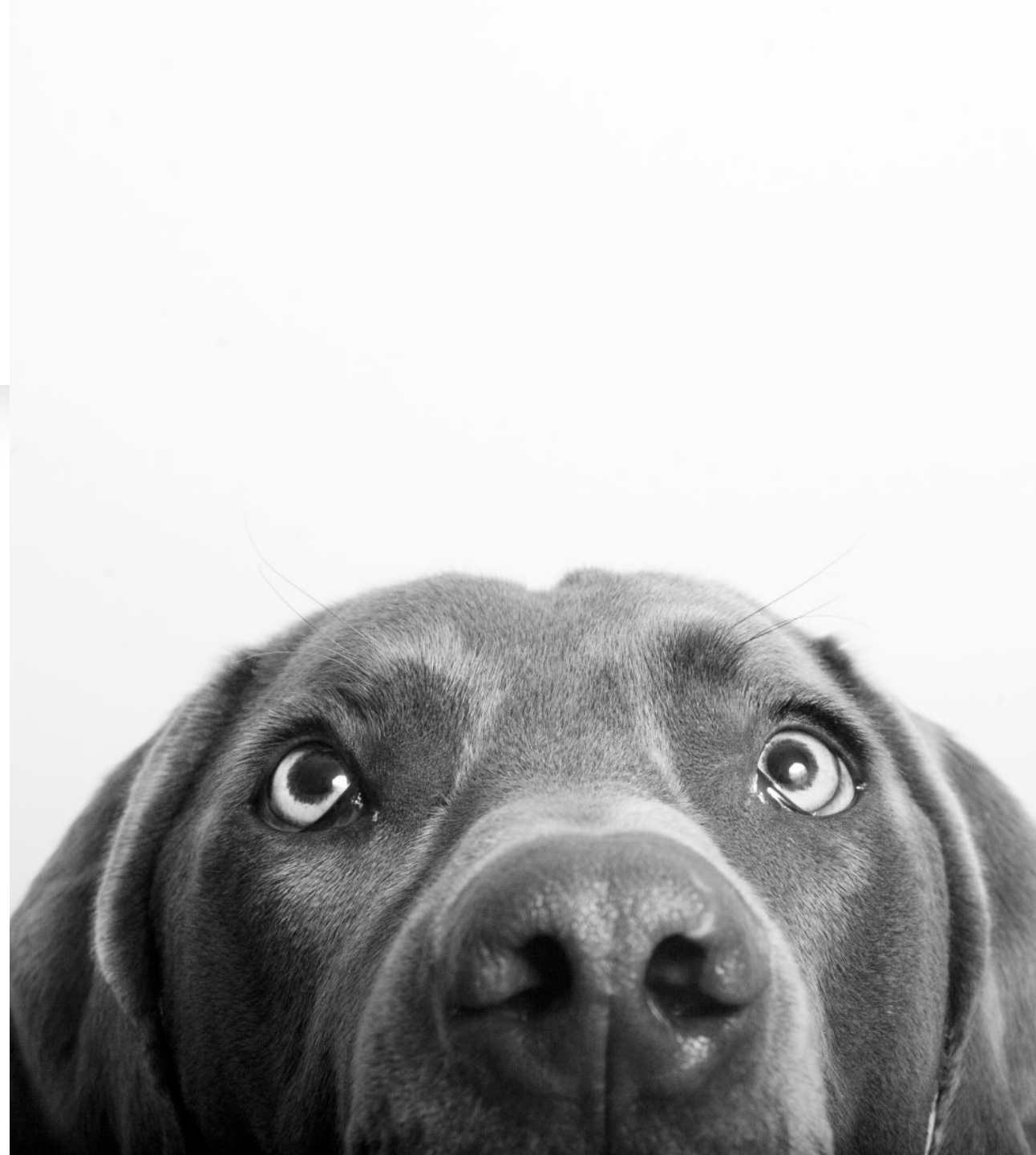


International Partnership for Dogs – Introducing the Dog Wellness Network

Aimée Llewellyn-Zaidi

History and Background

- The Dogwellnet.com website has hosted the work of the International Partnership for Dogs since 2015
- Major additional resources in 2018 making the most of the platform
- Databases (HGTD and HSDD), information sharing, fundraising, outreach, Workshops, downloadable data...
- Limitations of platform beginning to show it's age, and user feedback on navigation and discovery





Evolution and reflection of needs

- Increased data and meta-data
- Breed/type-centered “whole dog” needs
- Changing genetic testing (and health programs) landscape
- Finances, resources, and efficiency
- Flexibility for new priorities and user
- Better clarity between IPFD as a group, and our resources

Ipfdogs.com

Dedicated page to the operational and organizational side of the International Partnership for Dogs



What We Do ▾Who We Are ▾Get Involved ▾Media Centre ▾

Working Together to Enhance Dog Health and Well-Being

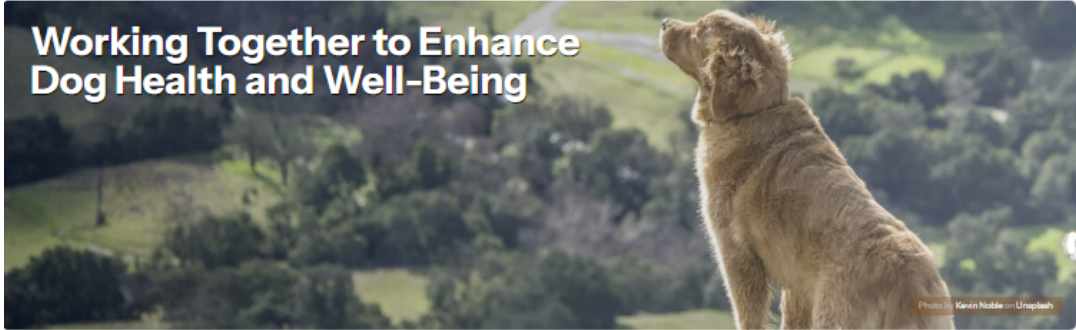


Photo by Karin Noble on Unsplash

Welcome to the all-new IPFDogs.com, which focuses on our organization and facilitates relationships with current and prospective supporters of our mission. The International Partnership for Dogs (IPFDogs) is a non-profit organization leading a global, multi-stakeholder effort to address issues affecting dog health and well-being. Our people include a Board comprised of individuals with respected international reputations, and a small but committed team of consultants in several countries.

Volunteers from our Partners and Collaborator organizations and a network of experts are integral to what we do. Our Contributors, Partners, and Sponsors include national kennel clubs, international cynological organizations, groups with breed specific interests, educational/academic and professional organizations, and key players in the pet industry. Together with other participating organizations, companies, and individuals, we foster collaborative action to achieve our shared goals, support human-animal interactions, and benefit all dogs worldwide.



dogwellnet

the dog wellness network

Our fully redesigned website, **DogWellNet - The Dog Wellness Network**, is now LIVE! IPFDogs' signature effort serves as a platform to facilitate international collaboration and the distribution of knowledge, expertise, and experience. It is an open access, ever-expanding information hub, providing links, documents, and additional resources to breeders and others in the dog world. Content and materials offered by our Partners, Contributors, and Collaborators are designed to enhance the health and well-being of all dogs. Click on the logo above to visit The Dog Wellness Network!

3000+
Individual Members

10
National Kennel Clubs

22+
Countries



Home

All Activity



Signature Work
Guiding Principles
Our History
Our People

Contact Us

Questions? Comments? Looking to get involved in our work?
We'd like to hear from you!

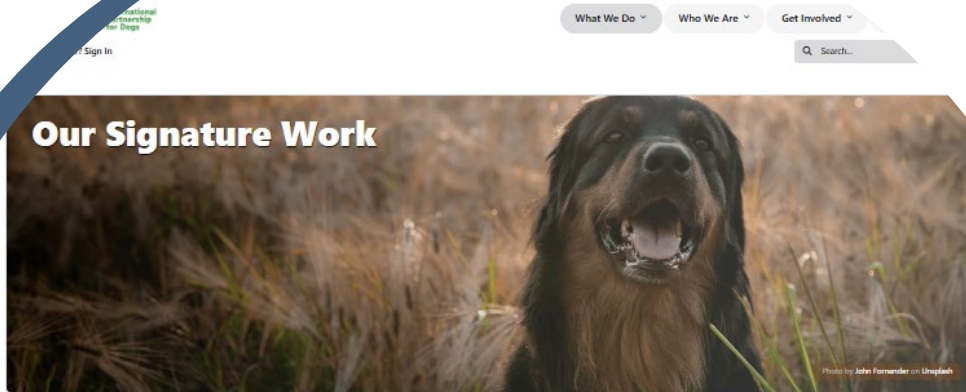
Contact UsEmail Us



Health Library
Breeds
Test Providers
Organizations

Site highlights

Connects the public and potential collaborators to our resources, unique collaborative projects, and global outreach



The Dog Wellness Network
Our online platform, DogWellNet.com - The Dog Wellness Network, is a curated information hub as well as housing resources to support actions by IPFDogs and its Partners and Collaborators.



International Dog Health Workshops
IPFDogs' signature events, the IDHWs bring together decision makers from around the world. Registration for the 6th IDHW is now open. A new hybrid format begins with an online setting (16-17 April), then continues at an in-person event in Bologna, Italy, (30 May - 1 June) - for a multi-day collaborative event.



Partners and Sponsors

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Our Partners and Sponsors

Our Contributors, Partners, and Sponsors include national kennel clubs, international cynological organizations, groups with breed specific interests, educational/academic and professional organizations, and key players in the pet industry. Together with other participating organizations, companies, and individuals, we foster collaborative action to achieve our shared goals, support human-animal interactions, and benefit all dogs worldwide.

ANTAGENE develops, produces and markets DNA tests for parentage certification and disease prevention in dogs and cats. The company is... Sponsor https://antagene.com/en	The Canadian Kennel Club is the primary registry body for purebred dogs in Canada and currently recognizes 175 breeds. As a non-profit... Contributing Partner https://www.ckc.ca/en	Centrale Canine was founded in 1881 as a non-profit organization by dog fanciers aiming to replenish native dog breeds and to bring in and... Contributing Partner https://www.centrale-canine.fr/	The Ente Nazionale della Cinofilia is an association recognized in 19 origins in the Italian Kennel Club f... Contributing Partne https://www.enci.it/
Suomen Kennelliitto, established in 1889, is a nationwide expert organisation on canine matters in Finland. Its aim is to promote the... Contributing Partner https://www.kennelliitto.fi/en	The Irish Kennel Club promotes the responsible ownership and breeding of dogs throughout Ireland through education, registration, training... Contributing Partner http://www.ikc.ie/	Norsk Kennel Klub has more than 225 membership clubs and 13 regions across Norway. Its clubs have a total of 75,000 members and... Contributing Partner https://www.nkk.no/	Raad van Beheer is the official ken Netherlands. Founded in 1902, it c represents around 200 breed club Contributing Partne https://www.houdenvanhonden.nl
Royal Canin is a global leader in pet health...	Svenska Kennelklubben is Sweden's largest...	The Royal Kennel Club is the oldest and most...	For more than 100 years now the V...

People are our power

- Improved dedicated area for Sponsors, Contribution Partners, Collaborators...

- Emphasizes our global, diverse community leaders.

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Our History

1994 - Historical Underpinnings

Collaborative work to develop and use the Agria Pet Insurance Database (Agria) to provide breed-specific statistics on disease and death in dogs.

Partnership with Swedish Kennel Club (SKC): material used by all Swedish breed clubs to develop breed-specific breeding strategy document (RAS), also used to support breed-specific instructions for judges program. Breed Updates also used in Denmark and Norway.

Many international presentations and workshops to various stakeholder groups: breeders, breed clubs and health committees; international veterinary and scientific congresses; human animal interaction meetings; dog judges; government welfare committees, in addition to numerous publications in refereed scientific journals.

Leading national kennel clubs (KC) and other stakeholders, including Agria Animal Insurance, Fédération Cynologique Internationale (FCI), the Orthopedic Foundation for Animals (OFA), and many professional, welfare, academic and other organizations own work on issues of health, well-being, and welfare of dogs; increasingly apparent that many important issues are truly international in nature, and many of these groups increase collaborations with others.

From 2008

Kennel clubs (KC) everywhere under pressure to improve and expand activities under almost all areas of their mandate (e.g., breeding, legislation, information technology, etc.). Two global examples: Media and societal pressure about health, well-being, and welfare in dogs and the need to be more proactive in addressing issues and highlighting positives of dogs, in general, purebred dogs and shows/performance and breeding.

Regulatory issues, governments, etc., e.g., dangerous dog legislation, restrictions, guidelines for dog breeders (especially commercial).

Similar efforts in many countries; poor synthesis of existing information; decisions not always evidence-based.

Many stakeholders/KCs have much to share; many resources difficult to locate; language may pose difficulties.

Once information is found or assembled, a need for synthesis and expert evaluation to promote

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A Truly International Team

Our people include a Board comprised of individuals with respected international reputations and a small but committed team of consultants in several countries.

Marc Ralsky
Board Member - CEO

Marc joined IPFD as its new CEO on October 3, 2022. He has broad experience as a not-for-profit leader and has worked extensively with...

Pekka Olson
Board Member - Chair

Veterinarian 1975, DVM, DR. h.c. (Honorary Doctorate Swedish University of Agricultural Sciences) 2013. Clinician/lecturer at the faculty...

Fleur-Marie Desfougères
Board Member - Vice-Chair

An Engineer specializing in animal genetics at AgroparTech in France, Fleur-Marie has worked for Société Centrale Canine since 2015. After an...

Bill Lambert
Board Member At-Large -

Bill Lambert is a recognized authority on the Bull Terrier breed, a successful breeder and judge of the breed, and a judge of Miniature Bull Terriers...

Jannine Edgar
Board Member -

Jannine Edgar holds an MBA and is a Chartered Accountant with extensive international experience across Europe, the USA and Africa...

Peter Friedrich
Board Member -

Education and Profession Studies in Psychology and Biology; Professor for Psychology and Criminology; Analysis of extremely violent...

Kirsi Sainio
Board Member -

Education: Ph.D. University of Helsinki, Faculty of Medicine 1998. Adjunct Professor in Developmental Biology...

Dave Eikelberg
Board Member -

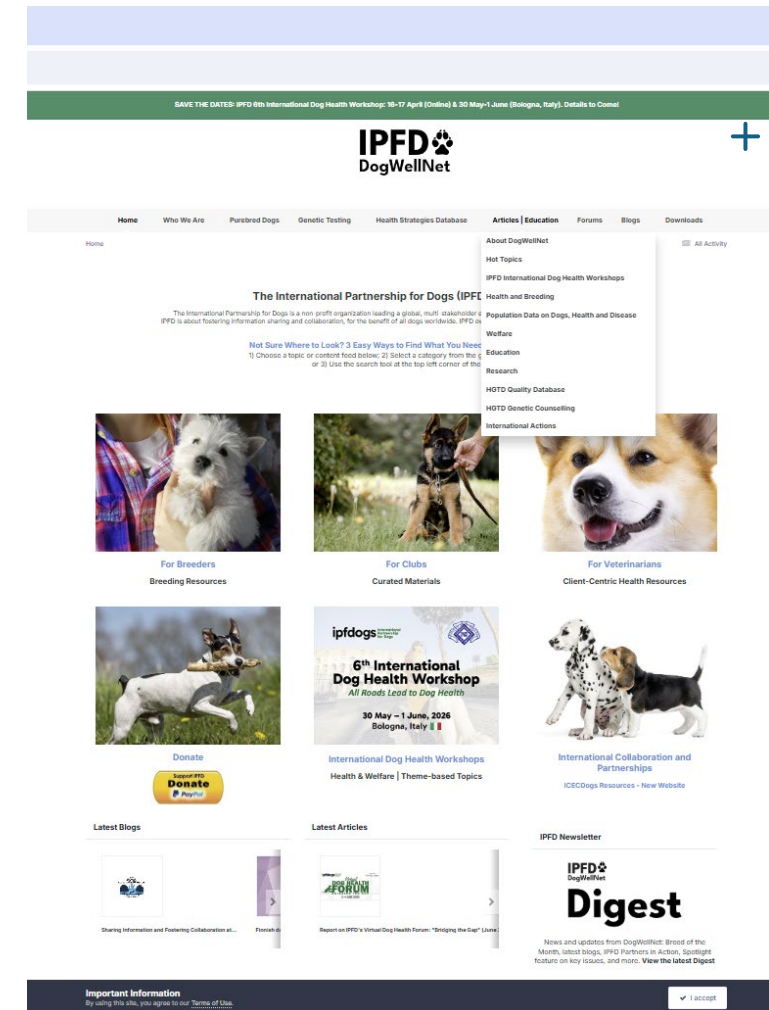
Dave Eikelberg lives in Knoxville, Tennessee in the USA and has been married 38 years to his wife, Kennetha. They have one son (an attorney in...

We are dog people! Our heritage and people reflect our values in putting dogs first.

www.dogwellnet.com

2015-2025

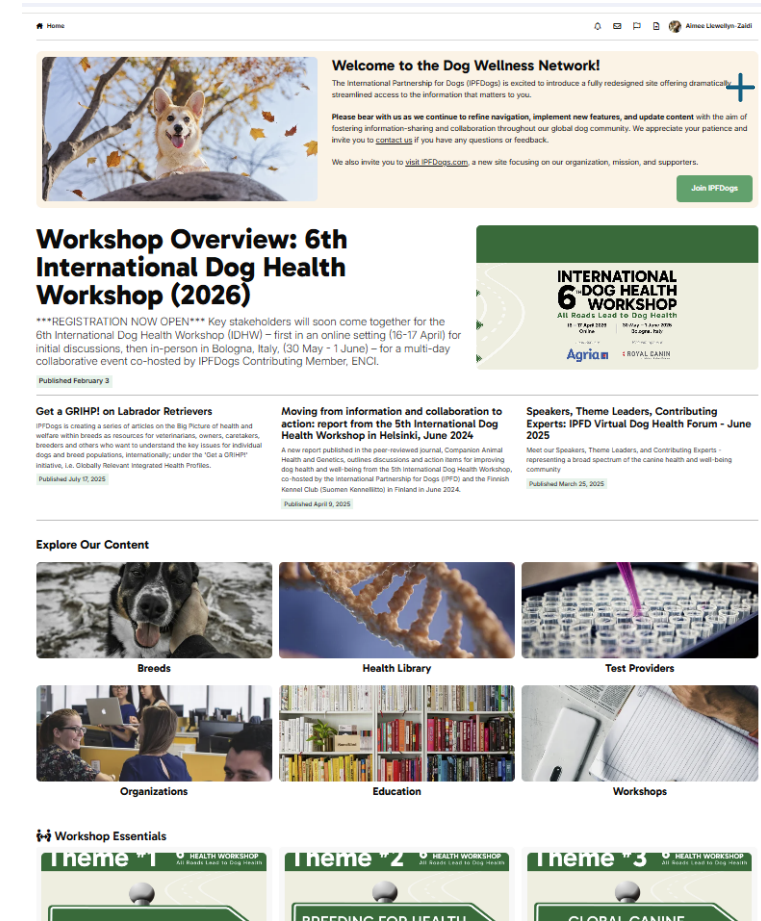
- Treasure trove of information and resources, but as content grew, management and searching became difficult
- Interconnectivity not possible
- Data entry inefficient and at-risk when updating and changing information
- Lifespan reached

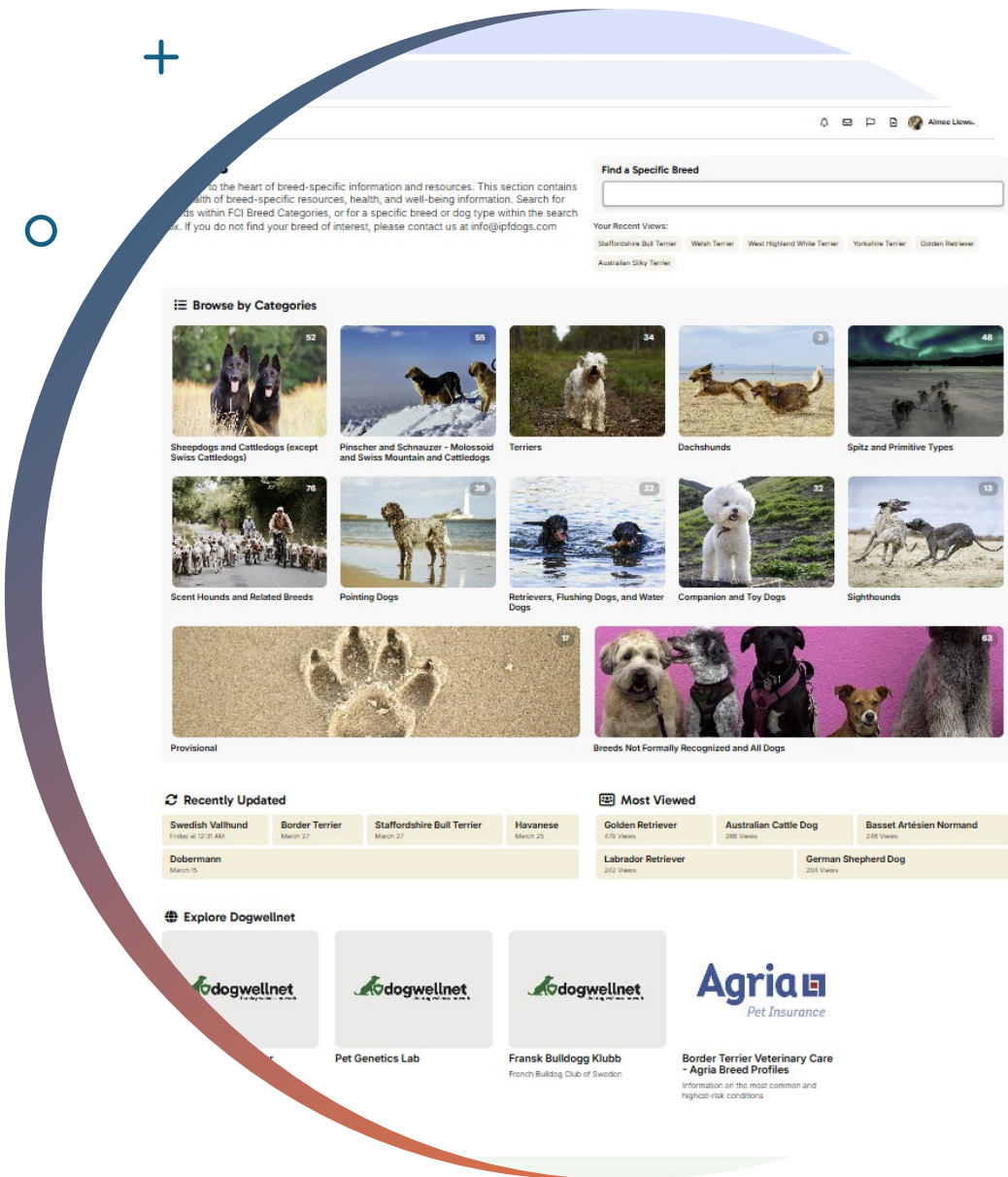




The Dog Wellness Network

- Name changed to reflect who we are... a global network of people dedicated to improving dog health and well-being
- www.dogwellnet.com
- Website centers health information, breed information, data, research... all interconnected and dog-specific
- Expandable to accommodate planned/expected data collection and sharing projects
- Improved language accessibility
- Modern platform will last us longer, more efficient data and information updating capabilities, increased technical options





Dog Wellness Network: Breeds

- Centers the dog
- Searchable by breed/variety name, and FCI group
- Contains information for pedigree breeds, and all dogs
- “whole picture”
- Supportive research

Dog Wellness Network: Breeds

Home

Breeds

Retrievers, Flushing Dogs, and Water Dogs

Golden Retriever

Aimee Llewellyn-Zald

Golden Retriever

Kutainennoutaja

A medium-to-large gundog developed in Scotland in the 19th century.





FCI Group

Retrievers - Flushing Dogs - Water Dogs

AKC Group

Sporting

TKC Group

Gundog

Country of Origin

GB

Brief Description

Golden Retrievers are friendly, intelligent, and confident dogs with excellent natural working ability. The breed excels as hunting companions, family dogs, and in various working roles including service, therapy, and search-and-rescue work.

Health: Most important health concerns include cancer as well as orthopedic, ophthalmologic, cardiac (subvalvular aortic stenosis), and dermatologic conditions. Other health concerns include hypothyroidism and epilepsy.

Behaviour and Well-being: Golden Retrievers generally have excellent temperaments with few breed-specific behavioral problems. However, potential concerns include:

- High exercise requirements - needs substantial daily physical activity and mental stimulation.
- Separation anxiety - strong bonding can lead to distress when left alone.
- Puppy exuberance - can be overly enthusiastic and boisterous, especially during the first 2-3 years of life.
- Inappropriate aggression or fearfulness - considered unacceptable and atypical for the breed.

Get a GRHPI: Comprehensive information on the breed's health can be found in the Get a GRHPI on the Golden Retriever article (to be added soon).

Breed Standards

The basis of breed/conformation shows is the judging of pedigree dogs against the 'Breed Standard', which is a picture in words that describes the range of features that are deemed appropriate for the breed.

Three of the major international standards are:

- [The Royal Kennel Club, UK](#)
- [FCI \(Fédération Cynologique Internationale\)](#)
- [The American Kennel Club](#)

Health Strategies

[The Royal Kennel Club, UK](#)

Research Projects

[Morris Animal Foundation Golden Retriever Lifetime Study](#)

Parent Breed Club

[The Golden Retriever Club, UK](#)

Other Resources

Dachshund - Standard

Health Testing Requirements by Country

Cardiac and Circulatory Unknown UK	Eye Conditions and Blindness Recommended UK	Skeletal and Muscular Recommended UK	Autoimmune and Allergies Recommended FI	Dental Issues and Teeth Recommended FI
Endocrine and Pancreas Recommended FI	Ataxia, Locomotor, and Epilepsy Recommended FI	Skin, Hair, and Nails Required FI	Other Genetic Testing Required UK	

Test Relevance

3 Chondrodysplasia (CDPA) Some Relevance	3 Chondrodystrophy (CDDY and IVDD) Some Relevance	3 Osteogenesis Imperfecta Some Relevance	3 Von Willebrand Disease I Some Relevance	3 Narcolepsy Some Relevance
3 Progressive Retinal Atrophy crd Some Relevance	3 Progressive Retinal Atrophy crd4 (PRA crd4) / cord1 Some Relevance	3 Mucopolysaccharidosis Type IIIA Some Relevance	2 Coat Colour Dilution, MLPH-related No Evidence	2 Furnishings (moustache and eyebrows) No Evidence
2 Hair, Long No Evidence	2 Improper Coat/Furnishings No Evidence	2 Neuronal Ceroid Lipofuscinosis 1 (NCL1) No Evidence	2 Neuronal Ceroid Lipofuscinosis 2 (NCL2) No Evidence	

Connections

Osteogenesis Imperfecta Condition - Skeletal, Hip, and Elbow Condition	Progressive Retinal Atrophy crd Condition	Progressive Retinal Atrophy crd4 (PRA crd4) / cord1 Condition	Chondrodysplasia (CDPA) Condition - Skeletal, Hip, and Elbow Condition	Chondrodystrophy (CDDY and IVDD) Condition - Skeletal, Hip, and Elbow Condition
Von Willebrand Disease I Condition Condition	Mucopolysaccharidosis Type IIIA Condition Condition	Narcolepsy Condition	Neuronal Ceroid Lipofuscinosis 1 (NCL1) Condition Condition	Dachshunds Standard LIFE - Agria Breed Profiles Reference - Date Reference - Date
Dachshunds Standard Veterinary Care - Agria Breed Profiles Reference - Date Reference - Date				

Updated March 11

Add Breed

Edit Breed

Home

Breeds

Dachshunds

Dachshund - Standard

Unread Content

Dog Wellness Network: Health Library

- Health conditions and traits
- Genetic testing, health programs
- Primarily inherited conditions
- Connected to specific breeds/dog types

×

+

Home > Health

🔔 📧 📌 📄 👤 Aimee Llewellyn-Zaldi

Health Library

The Health Library is a searchable resource that includes all aspects of genetic and clinical health tests and assessments available to dogs. This dynamic resource changes frequently to reflect the most up to date research and information available in dog health and well-being. If you are dog health expert and would like to contribute to this resource, please email us at info@ipfdogs.com. Note: IPFD cannot be held responsible for inaccurate content or any outcome from the use of information or resources found on this site.

Find a Specific Condition

Your Recent Views:

Achromatopsia 2

Cerebellar Ataxia

Progressive Retinal Atrophy (PRA-prcd)

Anatomic conditions

Congenital Hypothyroidism

Gluboid Cell Leukodystrophy

☰ Browse by Categories



Anatomic



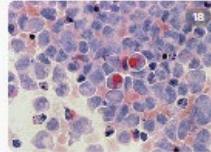
Ataxia, Locomotor, and Epilepsy



Autoimmune and Allergies



Blood



Cancer and Neoplasia



Cardiac and Circulatory



Dental Issues and Teeth



Ear, Deafness



Endocrine and Pancreas



Eye Conditions and Blindness



Gastrointestinal, Digestive, and Metabolic



Genetic Material and Diversity



Neurological and Neuromuscular



Other Genetic Testing



Renal and Urinary



Reproductive



Respiratory



Skeletal and Muscular



Skin, Hair, and Nails



Temperament

🔄 Recently Updated

Gluboid Cell Leukodystrophy

March 30

Congenital Hypothyroidism

March 30

Hypocalasemia (Acatalasemia)

March 4

Hair, Long

March 4

Factor IX Deficiency

March 4

🔍 Most Viewed

Degenerative Myelopathy

233 Views

Progressive Retinal Atrophy (PRA-prcd)

184 Views

Cleft Lip with or without Cleft Palate

181 Views

Chondrodystrophy (CDDY and IVDD)

147 Views

Cleft Palate

188 Views

Health Library: more visual, contains linked and comprehensive information

[Home](#) > [Health](#) > [Anatomic](#)

Anatomic

Relating to physical characteristics not in other categories, e.g. soft tissue

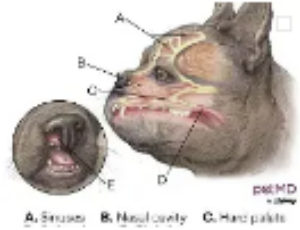


Anatomic conditions



Cleft Lip with or without Cleft Palate

Cleft Lip with or without Cleft Palate



Cleft Palate

A cleft palate is an abnormal opening in the roof of the mouth. It is the result of failure of the two sides of the palate (roof of the mouth) to come together and fuse...

ophy-pra-prcd/

[Home](#) > [Health](#) > [Eye Conditions and Blindness](#) > [Progressive Retinal Atrophy \(PRA-prcd\)](#)



Progressive Retinal Atrophy (PRA-prcd)

PRA-prcd is progressive, and late-onset, where retina cells are lost slowly. This initially causes problems seeing in dim light, usually around ages 3-5, though diagnosis by an ophthalmologist can be earlier, around 1-2 years. It can progress to complete blindness in some dogs, but not all cases. This disease is seen in many breeds and crosses.

Discussion

Key Comment: Multiple research sources indicate that this form of PRA-prcd could be present in many breeds, and testing could be relevant widely across a large number of different breeds of dog, many of which are terriers or breeds with terrier co-ancestry, but some of which have more diverse origins. Research indicates that the mutation is present at varying breed-specific frequency, but that testing and applying the test results can lead to significant reduction in the disease.

PRA-prcd is progressive, and late-onset, where retina cells are lost slowly. This initially causes problems seeing in dim light, usually around ages 3-5, though diagnosis by an ophthalmologist can be earlier, around 1-2 years. It can progress to complete blindness in some dogs, but not all cases. This disease is seen in many breeds and crosses.

Canine progressive rod-cone degeneration (prcd) is a retinal disease previously mapped to a broad, gene-rich centromeric region of canine chromosome 9. An allelic disorder present in multiple breeds, and crosses of those breeds. Research strongly suggests that a common ancestor transmitted the prcd disease allele to many of the modern dog breeds. Diagnosis of prcd is based on a combination of clinical examination, including indirect ophthalmoscopy and electroretinography, and retinal morphology. Retinal photoreceptor abnormalities are visible in animals 14 weeks of age and older using high-resolution optical microscopy.

Genetics

Inheritance	AR
OMIA	001298
OMIA Variant	000076
OMIA URL	https://omia.org/OMIA001298/9615/
OMIM	610599
Gene	PRCD
Variants	c.5G>A, G1298A, c.2685delA, c.2687,2688insTAGCTA
Variants Comments	Test has been reported as being offered as a linkage/marker test, from some GTPs

Testing

Test Types	Genetic-Genomic Ophthal
Assessments	Eye / Ophthalmologist Exam Specific Genetic Test
Assays	Linkage Direct Mutation

Connections

Identical mutation in a novel retinal gene causes progressive rod-cone degeneration in dogs and retinitis pigmentosa in humans.
[Reference - Journal Article](#)

Updated September 28, 2025 [Add Condition](#) [Edit Condition](#)

Education

- Power-house of information and resource sharing
- Interconnected to Breeds and Health Library
- Contains data, learning, references

Education

Within this area, we're compiling a growing collection of databases, documents, podcasts, and other media highlighting research, canine databases, expert advice, news/publications, and more. Many of these resources are attached as reference materials in articles throughout the site.

Find a Specific Reference

Your Recent Views:

Degenerative Encephalopathy in Nova Scotia Duck Tolling Retrievers Presenting with a Rapid Eye Movement Sleep Behavior Disorder.

[Clinical, hematological, biochemical and endocrinological aspects of 32 dogs with hypothyroidism]

Congenital hypothyroidism with goiter in toy fox terriers

CNS hypomyelination in Rat Terrier dogs with congenital goiter and a mutation in the thyroid peroxidase gene.

A Multi-Breed Genome-Wide Association Analysis for Canine Hypothyroidism Identifies a Shared Major Risk Locus on CFA12.

Get a GRHIP on German Shepherds

Browse by Categories



Academic



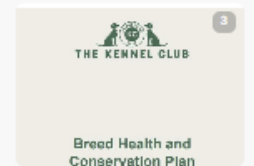
Disease, Conditions, and Traits
Articles



Podcasts



Agria Insurance Data - Breed
Statistics



Breed Health and
Conservation Plan
Breed Health and Conservation Plans
UK (BHCPs)



Globally Relevant Integrated Health Profiles
(GRIHPs)



Genetic Testing Support and Informed
Breeding Resources



IPFD Research Projects and Partnerships



Genetic Diversity Resources

References library, multi-media education and resources, breed-specific data (Agria, thank you!), and expandable...

Agria Insurance Data - Breed Statistics

Home | References | Agria Insurance Data - Breed Statistics

Agria Insurance Data - Breed Statistics

Agria Insurance Data - Breed Statistics report from Agria (Sporting/Agria Pet Insurance), Sweden. Agria (Sporting) has a long history of supporting research, educational and other activities through Agria - Swedish Research Data Research Hub.

Agria Insurance Data - Breed Statistics

Breed	Agria Insurance Data - Breed Statistics	Agria Insurance Data - Breed Statistics	Agria Insurance Data - Breed Statistics	Agria Insurance Data - Breed Statistics	Agria Insurance Data - Breed Statistics
Norwegian Elkhound Black Veterinary Care - Agria Breed Profiles	Labradoroodle Veterinary Care - Agria Breed Profiles	Cockerpon Veterinary Care - Agria Breed Profiles	White Swiss Shepherd Dog - Agria Breed Profiles	White Swiss Shepherd Dog - Agria Breed Profiles	White Swiss Shepherd Dog - Agria Breed Profiles
West Siberian Laika Veterinary Care - Agria Breed Profiles	Yorkshire Terrier LIFE - Agria Breed Profiles	Yorkshire Terrier Veterinary Care - Agria Breed Profiles	Whippet LIFE - Agria Breed Profiles	Whippet Veterinary Care - Agria Breed Profiles	Whippet Veterinary Care - Agria Breed Profiles
West Highland White Terrier LIFE - Agria Breed Profiles	West Highland White Terrier Veterinary Care - Agria Breed Profiles	Wash Terrier Veterinary Care - Agria Breed Profiles	Wash Terrier Veterinary Care - Agria Breed Profiles	Wash Terrier Veterinary Care - Agria Breed Profiles	Wash Terrier Veterinary Care - Agria Breed Profiles
Weimaraner Veterinary Care - Agria Breed Profiles	Weimaraner LIFE - Agria Breed Profiles	Weimaraner Veterinary Care - Agria Breed Profiles	Weimaraner Veterinary Care - Agria Breed Profiles	Weimaraner Veterinary Care - Agria Breed Profiles	Weimaraner Veterinary Care - Agria Breed Profiles

The image displays a grid of 10 research posters from the 2015 American College of Rheumatology (ACR) Annual Meeting. Each poster features the logo of the Department of Rheumatology and Immunology at the University of Michigan Medical Center at the top. The posters are arranged in two rows of five. The topics of the posters are as follows:

- Poster 1:** *de-novo* Genome Sequencing of the *IL1* Gene Region for Canine Hemophagocytic Risk Locus on
- Poster 2:** CHS Hyperinflammation in a murine model of systemic lupus erythematosus (SLE) with a mutation in the *MyD88* gene
- Poster 3:** Congenital hypothyroidism with goiter in boy koalas
- Poster 4:** Clinical, biochemical, and histological aspects of SLE with hypothyroidism
- Poster 5:** Degenerative Encephalopathy in Domestic Dogs: Ticks, Immune System, and Movement Disorders
- Poster 6:** *de-novo* Genome Sequencing of the *IL1* Gene Region for Canine Hemophagocytic Risk Locus on
- Poster 7:** Mutations in the *SLC39A8* gene cause Mucopolysaccharidosis and Hyperuricemia in the dog
- Poster 8:** An *ADAMTSL2* founder mutation causes Mucopolysaccharidosis, a heritable disorder of bony growth, hindering stiff skin and joint contractures
- Poster 9:** Three diverse mutations underlying canine systemic lupus erythematosus
- Poster 10:** Molecular Characterization of Three Canine Murine Remy Syndrome: Canine Remy Syndrome

Each poster includes a title, a brief abstract, and a list of authors. The posters are presented in a professional, scientific format, typical of a conference display.

[illegible]



Dogwellnet.com future...

- Continuing to update and add in our resources – it's a job!
- How can you help?
 - Share images, especially disease/breed-specific images
 - If you are an official breed club... Logos! Updated information, especially website links
 - If you are a GTP, provide updated logos, business information, and continued participation in HGTD
 - Donations/Resourcing directly effect our ability to add information in more quickly



Thank you!
Questions?