

PORTUGUESE WATER DOG FOUNDATION, INC.



2006 YEAR END UPDATE

CARDIOMYOPATHY (JDCM) RESEARCH UPDATE

LINKED MARKER FOUND!

Below is a reprint of a letter the Foundation received from the researchers at Penn

**Penn Veterinary Medicine
Section of Medical Genetics
Department of Clinical Studies-Philadelphia**

September 22, 2006

Dear Members of the Board of the Portuguese Water Dog Foundation,

Let us start by thanking you for your past generous support. We have wonderful news, a new request, and a cautionary message for you! First we'll give you the good news. Our whole genome scan to look for the cause of Juvenile Dilated Cardiomyopathy (JDCM) has yielded a linked marker. We now have the toehold we need to be able to find the gene and mutation and to develop

a useful test that will allow you to avoid producing pups that succumb to this disease. We are all very excited and working very hard to advance the project. Now comes the request. We hope it comes as no great surprise when we tell you that the harder we can work on the project, the faster we will be able to provide a test. Additional funds of \$16,870 would be extremely helpful, particularly to provide salary support for a very experienced technician to work on this project. **(Note: The Foundation has pledged to provide these funds.)**

We assume that your first response is "When will we have the test?" which prompts our cautionary remarks. What we have today is a single genetic marker that is NOT informative for every known carrier that we have examined. So putting it in genetic test terms that you have heard before

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HEMANGIOSARCOMA RESEARCH UPDATE (CO-SPONSORED WITH PWDCA)

Detection of Circulating Canine Hemangiosarcoma Cells Using Multi-Parameter Flow Cytometry

Jaime F. Modiano, VMD, PhD

The main goal of this project, funded by the PWDF and the PWDCA was to develop a diagnostic test that can be used to detect hemangiosarcoma cells in blood samples from dogs. The rationale for the test is based on the fact that, as a tumor of cells that line blood vessels, hemangiosarcoma tumor cells are in intimate contact with blood and are likely to shed cells into the circulation. We can therefore use the identification of those cells to confirm a possible diagnosis in dogs that have clinical signs, and eventually to detect the disease before it becomes clinically evident (early stages when it may be more amenable to treatment) as well as to follow response to therapy (monitor remissions).

The language and results in this report are geared to a lay audience. Members of the PWDF or the

PWDCA who wish to obtain additional details can contact Dr. Modiano at info@modiolab.org.

For this report, we have retained the sections from the previous report that review the disease and the need for this test, and we have updated what we have accomplished, and what the future holds.

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RABIES CHALLENGE FUND

The Foundation has pledged a contribution to the Rabies Challenge Fund contingent on their attaining their first year's budget through pledges and donations.

One of the world's leading authorities on veterinary vaccines, **Dr. Ronald Schultz**, at the University of Wisconsin School of Veterinary Medicine, will be conducting the rabies challenge studies along with **Dr. Jean Dodds** who is the organizer and supervisor of this project. He is set to begin the rabies challenge studies as soon as the fund can raise the first year's budget of \$177,000. The University of Wisconsin/Madison is waiving its overhead charges for these studies by graciously offering it's facilities and staff. The only expenses coming out of the pre-grant funds are those for filing annual returns with IRS -- there are no salaried officers, building costs, etc... Except for IRS fees, all the money donated to The Rabies Challenge Fund will go directly to funding these studies.

Many dog caregivers across the country are becoming more and more aware of the possibility that over vaccination can have harmful effects on dogs - and the rabies vaccine is no exception. However while with other vaccines the owner has a choice, that is not the case with the rabies vaccine since it is mandated by law. The incidence of rabies exposure in companion animals and humans, though very low today, still remains a distinct possibility. Consequently, the Federal and state governments require every dog to be vaccinated triennially (still even annually or biannually in a few states) against rabies. However, the veterinary community is increasingly concerned that rabies vaccination given this frequently is not only unnecessary but also responsible for inducing adverse reactions that lead to both acute and chronic immunological and other disorders. Although a French medical study completed in 1992 showed that rabies vaccine is protective for at least five years, Federal and state legislatures have not accepted this finding. Thus, the health

and well-being of millions of dogs in the United States remain threatened by the potential for adverse vaccinal events.

The Federal and state legislatures want to see the results of research before any relevant, existing policy or statute regarding rabies vaccination can be modified. Because of the complexities of politics and bureaucratic mindsets, the best way to change the rabies protocol is to prove through a challenge study that dogs not revaccinated for five and seven years after their first two vaccinations remain as protected against rabies as they were at the age of one year.

Forty dogs will be involved in the study at the University of Wisconsin/Madison. Twenty will be used for a five year study and the same number for a concurrently run seven year study. Because Drs. Dodds and Schultz believe through monitoring of rabies serologic studies and other experiences that the two rabies vaccinations a dog receives by one year of age are fully effective for life, they want to initially prove that effectiveness over a five-year as well as seven-year span. The successful completion of this research conducted according to Federally mandated guidelines should allow USDA licensing and state legislative acceptance of the tested rabies vaccine for more than three years. **It is widely believed that over vaccination in PWDs (actually in all canines) may trigger or aggravate problems of the auto-immune system.**

***Ronald D. Schultz, PhD** is Professor and Chair of the Department of Pathobiological Sciences, School of Veterinary Medicine. Dr. Schultz has been performing challenge studies on canine vaccines since the mid-1970's, and his data formed the scientific base for the American Animal Hospital Association's 2003 Canine Vaccine Guidelines.*

***W. Jean Dodds, DVM** is a world-renowned veterinarian in the fields of hematology, immunology, endocrinology, nutrition and holistic medicine. In 1986 Dr. Dodds established Hemopet, the first nonprofit national blood bank program that benefits dogs throughout North America.*

DECIDING WHERE THE MONEY GOES!

When a research proposal is received, the PWD Foundation Board makes an initial decision as to whether it falls within our basic goals as outlined in our Mission Statement. If the proposal receives preliminary acceptance and falls within our

financial parameters, the Board then utilizes a process used by other foundations known as peer review. This process insures that an independent, qualified scientific review of the proposed study is undertaken.

Peer reviewers are scientists or researchers who work in universities and veterinary schools across the country. They donate their time to carefully evaluate proposals from foundations such as the PWDF. These

proposals are evaluated for scientific and intellectual merit using such criteria as significance of proposed research; feasibility of objectives; suitability of methodology; and potential to yield results that could significantly improve the health of the breed. In the peer review process, proposals are sent to independent reviewers.

Peer reviewers must sign a confidentiality agreement in which they also attest there is no conflict of interest in their review of the proposal. That is, they cannot be affiliated with the grant applicant, nor can they be conducting research in the same area. The identity of peer reviewers for each specific proposal is confidential.

After all reviews have been received, the PWDF Board considers all the reviews, and, depending upon the current financial resources, votes on whether to fund a proposal that has been positively evaluated.

Research projects co-sponsored with the CHF, MAF or other foundations have been peer reviewed by those respective organizations.

In Memory of...
In Honor of...

Looking for reasons (or excuses) to support the PWD Foundation and health research throughout the year? You can show your support and at the same time acknowledge a human or PWD friend or family member? Send a donation to honor that friend or a memorial donation in the memory of a departed friend. The PWD Foundation will send a nice card embossed with our logo acknowledging your generosity to the person or family you designate.

**The Portuguese Water Dog Foundation, Inc.
P.O. Box 203
Parker Ford, PA 19457-0203**

The Portuguese Water Dog Foundation, Inc. needs your help and support to fund research to improve the quality of life and health of our Portuguese Water Dogs. Your **tax-deductible** donation, **in any amount**, would be greatly appreciated. In addition to personal donations, a donation may be made in memory or honor of a friend or loved one, whether human or canine. Donors' names will be kept anonymous upon request.

Donor levels are: Deck Hand (up to \$49); **Sailor** (\$50 to \$99); **Boatswain** (\$100 to \$249); **First Mate** (\$250 to \$499) **Captain** (\$500 - \$999); **Commodore** (\$1000 or more)

Yes, I want to do my part to help Portuguese Water Dogs.

Enclosed is my donation, in the amount of \$ _____, payable to PWDF, Inc.

MAIL CHECKS TO: PWDF, Inc. - P.O. Box 203 - Parker Ford, PA 19457-0203

OR

PLEASE PRINT OR TYPE

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Thank you for your generosity and support of the Portuguese Water Dog Foundation, Inc

Recognized under IRS 501(c)(3) Tax Status - Donations to the Foundation are tax-deductible

The official registration and financial information of The Portuguese Water Dog Foundation, Inc. may be obtained from the Pennsylvania Department of State by calling toll free, within Pennsylvania 1-800-732-0999 or out of state 1-717-783-1720. Registration does not imply endorsement.

COMMODORE (\$1,000 +)

In memory of Bella Bean
 Deb Bender/Calimel Fund
 In memory of Chester
 Jo-Ann Ford in honor of Splash
 Keystone Portuguese Water Dog Club, Inc.
 Roberta W. Knight
 Charles & Caroline Lee in honor of Maryanne Murray & Cathy Kalb

CAPTAIN (\$500-\$999)

Amarinhar PWD's in memory of
 Amarinhar Swashbuckler OA, OAJ, WWD
 Laura Boyce in honor of the Portuguese Water Dogs owned by
 Martha Ruskai, Pam Fowler, Terry Herman, Candy Lawhorne, Judy
 Weinstein, Louise Mowbray, Rhonda Levinowsky, Jay Manion, Cathy
 Tinaglia, Mary Sparks, Marsha Bingham, Gale Erskine, Jill Flebotte,
 Sue Pellino and Linda Fowler.
 Jane & Stu Freeman
 Hallie Howe in honor of Hunter & Stargazer PWDs for
 the River Litter
 Northern Virginia Water Workshop – Norm & Jan Mosher, Tom &
 Judy Leather in memory of Blueberry Muffin, Michaela & Bruce
 Bancroft, Paul Hetzel, Jack & Laura Pettus &
 Carol Bronowicz-Wichterman
 Amy Haynie Phelan, MD DVM in memory of
 Driftwood's Little Surfer Girl, CDX, CWD "Christi"
 In memory of Felix Roth
 Donna E. Shalala in memory of Cheka
 Gannett Foundation Matching Gifts Program

FIRSTMATE (\$250-\$499)

Stephen & Nancy Blakely in honor of
 All the furry kids across the Rainbow Bridge
 Valerie & Richard Davis in honor of Portwind's Bela Minha
 Lucia B. Dudley
 Mr. & Mrs. David Gault in honor of Moxie & Gato's litter of puppies!
 Linda Hinkle – Seadance PWDs in memory of Misty, Sereia & Teddy
 Carolyn & Don Iraggi
 Carolyn M. Knutson
 Rachel Sumara Miles in memory of CH Deleao's Master Blaster &
 Pfizer Foundation Matching Gifts Program
 Portuguese Water Dog Club of Northern California
 SaltyDawgPWD family in memory of Sebby Pyne
 Abigail Silva and "Chloe" & "Tugboat" in memory of "Tate"
 Peg Thomas in memory of CH Muddy Waters Certeza of Peja CD
 WWD CGC BROM
 Janet Warnsdorfer/Galaxy PWD's
 Tom & Peggy Weissenborn in memory of Baron

BOATSWAIN (100-\$249)

Mary Barbara & Michael Alexander in memory of Kes & Jelly Bean
 Dorothy Abbott & Lucy Steele in memory of Celeste
 Janet & Robert Bishop
 Norman & Susan Bogdanow
 Ann Bowley & Carol Mattingley
 C. E. & Ann W. Brady
 Gail Browne-McDonald
 "Bruxa" Rough Seas' Sea Witch in memory of "Nico" Murphy
 Jean Butterfield in honor of Spider & Connie Millard for assistance in
 search for missing PWD
 Nigel Clark - Oreobay
 Julia D. Cox
 Cutwaters Heart Throb
 Kristin & Charles Divico
 Steve & Debbie Giewont in honor of Joan Bendure for PWD – Ollie
 Vicki & Ken Goldberg in memory of Blue & Magenta Rae
 Francis C. Grant III in memory of "Scout"

Robert Hall & Sue Wilcox-Hall
 Robert Hall & Sue Wilcox-Hall in honor of the PWD PSG
 Angela Harding in memory of "Diva", U-CD Baerbach's Dadiva de
 Sombra CD AWD
 Herb & Ruth Henderson in memory of Roy & Barbara Cawley's CH
 Makitso N Pinehaven Ice Man – "Brice"
 Ronald & Sandra Holden
 Kathy & Vera in memory of Crestwood's Braveheart "Casey"
 Elaine Keebler in honor of Joan Bendure (a thank you)
 Joshua & Marika Kraus
 Marion Krupka in memory of Cully, Dinah, Lovey (PWD's)
 Emilia Letts in honor of my first PWD Manny
 Janet Lubic in honor of Suzanne Steele
 Verne K. Foster in honor of All our special Dogs – loved & lost
 Adelina Reyes-Gavilan & Maria Chaves
 Cheryl Hoofnagle
 John W and Yvonne S. McCredie in memory of "Comet"
 Kelley O'Brien in honor of Miss Halley Berry
 Nadia & Steve Perreault in memeoroy of our Baron
 John, Deborah, Rebee, & Rosie Piper in memory of CH Nautique's
 Dynasty Sunsatation "Dyna"
 Mike & Kristi Portugue
 Rebecca Rogers
 Drs. Christian & Kathryn Reilly
 Jon & Judy Runstad
 Elizabeth Schimpff
 Lynne Schwartz in honor of Judy Murray – Thanks for all the support,
 help & guidance. I'm proud to be part of your (dog) family.
 Nan K. Sharp / Robert Hassler in memory of Gibson & Katie Mae
 Linda K. Shultz
 Abby Silva, "Chloe, "Tugboat", & "Dory" in memory of
 "Leo" CH Augustine's King Lionheart
 Kami Smith/Gene Boyd in honor of Molly Brown
 Gloria Stevens in memory of Floosie
 Susan Straight in memory of Margo
 Irwin Tobman
 Ben Treuhaft
 The Vanoff Family Foundation in memory of Menina
 Mike & Jan Yates
 G. Taylor Watson

SAILOR (\$50-\$99)

Ken & Phyllis Aaron
 Roxana J. Adams in memory of Jewel de Agua Chuva
 Wendy & Dirk Anderson (Safe Harbor PWD's) in memory of
 Cara (UAGI CH Absolute Bonita Cara Ozo, NJP, NAP, OAP, OJP)
 Andy & Kay Andrade in memory of Farrusca
 Paul & Judy Archambeau in memory of Zorro
 Carol Arbuthnot
 John & Geri Azevedo in memory of Rio
 Samuel Bell, Jr.
 James & Sharon Blixt in honor of Belle & Maya
 Maxine Brainer in honor of Harley & Hannah
 Gail Browne-McDonald in memory of Zorro (CH BellaVista Zorro de
 Alto Mare)
 Mary Jo Burgess in memory of James Schmit
 On behalf of Roy & Barbara Cawley in memory of
 "Brice" CH Makitso N Pinehaven Ice Man, CGC
 Carl & Susan Craig in memory of Rio
 Maureen Dahms in memory of
 "Sailor" (Bonnydoon's) 1/30/98 -9/7/2005
 Libby & Nick Devlin
 Ethel A. Dias in memory of "Lucy"
 Beverley & Edmond Fischer
 Kristine Fornaby in memory of Sonny

Great Barrington Kennel Club Show – Working Group Winner
owned by Jane & Stu Freeman
The Garbarino Family in honor of Mandy
Betsy Gellatly
Jennifer Gharrett
Ronald Gricius
Angela Harding in honor of PWD PSG
George and Lou Harris & Dyna's Grandson Beaufort in memory of
Dyna (CH Nautique's Dynasty Sunsation)
Meg Harper in honor of Annie & Bentley
Michele Hemenway in honor of Zaphod
Jennifer Hruska in honor of Artie – PWD Extraordinaire!
Chartles & Beverly Ironside in memory of Maximillian & Ghillie
JP Morgan Chase Foundation matching gift for Mary T. Rail
Kate Jackson in honor of Mary & Billy
Marie Kapetanakis in memory of CH Friendship's Woodrow
Philip & Barbara Limpert in memory of Jib & honor of Lucy
Barbara Massony, M.D.
Bonnie & Roland Muehler in honor of "Matey"
Northstar Portuguese Water Dogs in memory of
Northstar's Adirondack Explorer, Spencer
Carol A. Pleskoff
Suzanne Pouliotte
Sherry Rady in honor of Afortunado Portuguese Water Dogs
John & Jackie Santos
Dave & Rebecca Sliger in honor of "Lucy" & "Max"
Kurt & Lore Tesnow
Dr. Elizabeth F. Trainor
Hallie Ustaszewski in honor of My first Portuguese Water Dog King
Triton & the new member of our PWD family Windruff Miss Paris
Nancy Vener
Edward B. & Daphne L. Wagnon
Meghan Walsh & Albert Pizzica
Gary & Sandi Willis in honor of Cinderella
Elana Winsberg in memory of Bessie & Otis
Bob & Charlene Wolfe in honor of Kitty Braund
Matthew & Kendra Yociss in honor of
Ferncliff Thunder By The Sea Yociss

DECKHAND (up to \$49)

Vicki All
Karen Kirby Ash
Carol Asness
Randi Astrom
Kimberly Beach
Todd Berger
Ann Bowley & Carol Mattingley in memory of
Sunrider's Pickwick by the Sea – "Arrow"
Gail Browne-McDonald
Kathy Bumiller/Sweet Meadows Kennel for the PWD PSG
Susan M. Burke
Bill & Lucille Burmeister in memory of Brice
Mary A. Busch
Lorraine Carver
Mel Clevenger in honor of Cappie of Seabreeze
Mrs. Don Colegrove
Cara J. Connor
Patricia Cromwell
Marla Diem
Kathy Dick
Victor G. DiLeo
Lucia Dudley in honor of the PWD PSG
Jane Eberhardy
Susan M. Ferla
Lois Fisher
Amanda Ford

Marietta Franzese
Karen & Ed Giles
George Goff
Evita C. Golaski
Carla Gonzalez
Hershel Goren in honor of Ms. Miriam Goren
Miriam & Kal Goren & Maude & Ivy in memory of Nala Diem
Sherry & Aaron Goren, Rick, Jen & Lisa in honor of
the special birthday of Miriam Goren
Ellen Gray
Jane Harding, Cutwater in memory of Hudson Moran
Lyle Harding
Ann Harrison in honor of Whyly
Linda Horton in honor of Brandy, Sambucca & Mulligan
Beverly Ironside
Charles & Beverly Ironside
Jacqueline Jeffery
Andy, Cindy, Pam & Natalie Jones in honor of Tukker (13 years old)
Janet Boyd-Kristensen in honor of the PWD PSG
Linda Kelly
Jo-Anne Kruzynski
Marion R. Kuster
Marta Lyons in honor of Pogo
Marsha & Douglas Marcus & Family in memory of Gabbie Carter
Carol Mattingley & Ann Bowley in memory of
CH Ruff Wave Endeavor – "Endy"
Tanya McDonald/Hallmark PWD in memory of
"CH Tiffany" and in honor of her son "Topper"
Robert T. McMonagle
Amy Mollenkopf
Julie Morgan
Sue Nelson
Dona Rose Nero
Florence C. Nudelman
Betty J. Nunes
Anne Paige
Marcia Pallo
Linda Pearce
Lisa Penfiled
Lisa Robinson
Brook Rolter
Julie & Ty Rust in memory of CH Alto Mare Le' Vado, JWD
Robert & Gretchen Savage
Marge & Charles Schreiber in memory of
CH Ruff Wave Endeavor – "Endy"
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U-CDX Sweetbrier's Rowdy Cowboy, UDX new utility dog excellent
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