



# Newsletter

## Special Events of Interest:

- Veterinary Committee on Trauma (VetCOT) Conference: April 6-8, 2018 (Las Vegas, NV)
- American College of Veterinary Internal Medicine (ACVIM) Forum: June 13-16, 2018 (Seattle, WA)
- European College of Veterinary Emergency and Critical Care (ECVECC) Congress: June 21-23, 2018 (Venice, Italy)
- Congress of the European College of Veterinary Internal Medicine – Companion Animals (ECVIM-CA): September 6-8, 2018 (De Doelen, The Netherlands)
- International Veterinary Emergency and Critical Care Society (IVECCS) Meeting: September 14-18, 2018 (New Orleans, LA)

A 501(c)(3) nonprofit professional association

Volume 1, Issue 2

Hello and welcome to our second issue of the **American Veterinary Hematology and Transfusion Medicine (AVHTM) Newsletter!** The intention of this brief and informal publication is to stay in touch with our members (more than 230 and growing!) and affiliates and provide information pertinent to the veterinary trans-



fusion medicine and blood banking community.

We continue to remain open to any feedback, suggestions, or ideas for

upcoming issues. In between newsletters, please follow us on Facebook (**@AVHTM**) for other updates and check out our website (**www.avhtm.org**).

We look forward to staying in touch and sharing information with you!

## AVHTM Updates

We've had some exciting changes to the organization including our new logo (unveiled at the ACVIM Forum in June 2017), as well as the launch of an AVHTM group email list for members to ask

questions and share information related to the expanding fields of hematology, transfusion medicine, and blood banking. The email group has allowed for discussion of

several topics with practical applications for members. We encourage continued sharing of questions and ongoing research studies in the coming months.

# Newsletter

## Statement regarding welfare of Pet Blood Bank canine donors

A story that was published in the media in September 2017 revealed information obtained by the **People for the Ethical Treatment of Animals (PETA)** suggesting that the **Pet Blood Bank** (Cherokee, TX) has used Greyhound donors that are housed in deplorable conditions and whose wellness has not been maintained. The Pet Blood Bank released a statement at the end of October stating they would be closing following the PETA campaign.

Considering the recent press regarding the alleged mistreatment of canine blood donors used by an isolated blood bank, the **Association of Veterinary Hematology and Transfusion Medicine (AVHTM)** is stating our stance regarding animal blood donor conditions and treatment.

While the AVHTM cannot independently corroborate the video provided by PETA, and therefore cannot comment specifically on The Pet Blood Bank, we find the video supplied illustrates conditions that we would consider unacceptable for any blood

donor program and unsafe for the blood supply.

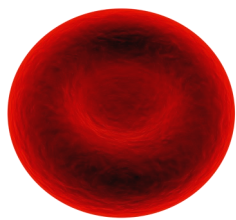
The AVHTM is an IRS approved 501(c)(3) non-profit professional organization dedicated to scientific advancement and education in veterinary hematology and transfusion medicine. Our members including veterinarians, veterinary technicians, hematologists, and blood bank professionals who are dedicated to the health and welfare of the veterinary patients we serve and the blood donors that provide life-saving blood transfusions.

We recognize that animals provide blood donations in a variety of settings, but the health and welfare of these donor animals is always of the utmost importance. Standard of care within veterinary blood banking dictates that donors must be healthy and have exemplary preventative veterinary care including a up-to-date vaccination status, as well as appropriate heartworm, flea, tick, and intestinal worm prophylaxis. It is also essential that these animals are provided with housing

that is comfortable, sanitary, and replete with enrichment opportunities.

The AVHTM fully supports and promotes the **American Veterinary Medical Association (AVMA) Animal Welfare Principles** and the **American College of Veterinary Internal Medicine (ACVIM) consensus statement** for blood donor screening for blood-borne pathogens.

While we are not a regulatory agency, and while no current guidelines exist specifically related to the housing and treatment of animal blood donors, the AVHTM, in collaboration with the veterinary professional community, is invested in the long-term goal of developing veterinary blood banking standards and guidelines. In the meantime, we urge all veterinary professionals purchasing blood products from blood banks to inquire about the housing and treatment of the donor animals and to ensure humane management of their own blood donors as per the above-mentioned guidelines.



## Recently Published Articles

The articles listed below are those published May-October 2017 in the field of veterinary transfusion medicine and blood banking:

- Doolin, K. S., et al. (2017). "Retrospective evaluation of unexpected events during collection of blood donations performed with and without sedation in cats (2010-2013)." **J Vet Emerg Crit Care** 27(5): 555-560.
- Goy-Thollot, I., et al. (2017). "Pre- and post-transfusion alloimmunization in dogs characterized by 2 antiglobulin-enhanced cross-match tests." **J Vet Intern Med** 31(5): 1420-1429. [open access]
- Granfone, M. C., et al. (2017). "Evaluation of an intramuscular butorphanol and alfaxalone protocol for feline blood donation: a pilot study." **J Feline Med Surg** 1098612x17732484.
- Hahn, A., et al. (2017). "Blood product transfusions in great apes: a retrospective review of 12 cases." **J Zoo Wildl Med** 48 (2): 461-465.
- Hanson, K. R., et al. (2017). "Incidence of blood transfusion requirement and factors associated with transfusion following liver lobectomy in dogs and cats: 72 cases (2007-2015)." **J Am Vet Med Assoc** 251(8): 929-934.
- Kasondra, A., et al. (2017). "Therapeutic management of canine Ehrlichiosis with aid of blood transfusion: a case report." **J Parasit Dis** 41(2): 395-397.
- Kim, S., et al. (2017). "Diagnosis of lymphoid malignancy by PCR for analysis of antigen receptor rearrangement after blood transfusion in a dog with acute lymphocytic leukemia." **Immune Netw** 17(4): 269-274. [open access]
- Lee, J. H., et al. (2017). "Kai 1 and Kai 2: Characterization of these dog erythrocyte antigens by monoclonal antibodies." **PLoS One** 12(6): e0179932. [open access]
- Luethy, D., et al. (2017). "Prediction of packed cell volume after whole blood transfusion in small ruminants and South American camelids: 80 cases (2006-2016)." **J Vet Intern Med** 2017 Sep 29. doi: 10.1111/jvim.14844. [open access]
- Marenzoni, M. L., et al. (2017). "Comparison of three blood transfusion guidelines applied to 31 feline donors to minimise the risk of transfusion-transmissible infections." **J Feline Med Surg** 1098612x17727233.
- Press, S. A., et al. (2017). "Electrolyte, acid-base, and hemoglobin oxygen affinity alterations following irradiation and storage of canine packed red blood cells." **Vet Clin Pathol** Aug 31. doi: 10.1111/vcp.12539.
- Priolo, V., et al. (2017). "Naturally occurring antibodies in cats against dog erythrocyte antigens and vice versa." **J Feline Med Surg** 1098612x17727232.
- Slichter, S. J., et al. (2017). "Leukofiltration plus pathogen reduction prevents alloimmune platelet refractoriness in a dog transfusion model." **Blood** 130(8): 1052-1061. [open access]
- Sumner, S. M., et al. (2017). "Platelet lysate obtained via platelet pheresis performed in standing and awake equine donors." **Transfusion** 57(7): 1755-1762.
- Thengchaisri, N., et al. (2017). "Comparative serological investigation between cat and tiger blood for transfusion." **J Vet Med Sci** 79(6): 1081-1085. [open access]
- Vieira, S. M., et al. (2017). "Distribution of feline AB blood types: a review of frequencies and its implications in the Iberian Peninsula." **JFMS Open Rep** 3(2): 2055116917727693. [open access]
- Wilson, C. R., et al. (2017). "Biochemical evaluation of storage lesion in canine packed erythrocytes." **J Small Anim Pract** 25 JUL 2017, DOI: 0.1111/jsap.12713.



**AVHTM** is an IRS approved 501(c)(3) nonprofit professional association composed of veterinarians, hematologists, academics, veterinary technicians, blood bankers, and interested public who desire to further scientific advances in transfusion medicine and veterinary hematology.

We engage in veterinary research, promote industry standards, develop guidelines for canine and feline blood collection and processing, and publish scientific research in peer-reviewed publications.

Visit us online to learn more about AVHTM!

AVHTM

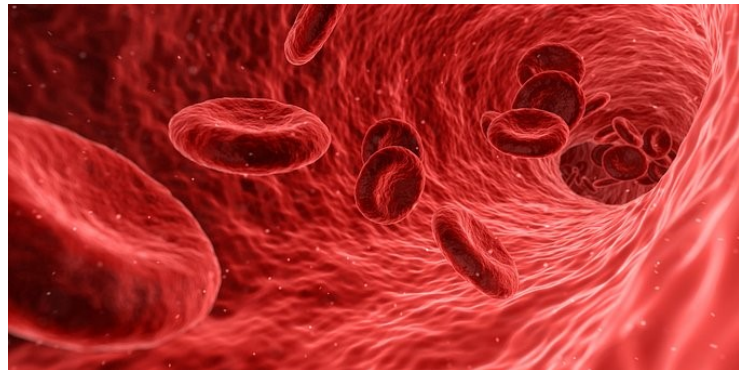
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**We're on the web!**

**[www.avhtm.org](http://www.avhtm.org)**



## Membership Benefits

As an AVHTM member, you are eligible for the following:

- Reduced IVECCS registration fee (veterinarians save \$100 and technicians save \$25!)
- Access the a “Members Only” section of the AVHTM website, which includes access to:
  - Other AVHTM profiles
  - PubMed articles
  - Forum for posting questions, cases, and research
- Ability to ask and answer questions posted to the AVHTM