

**ERIN O'NEIL BANNINK, DVM, DACVIM (ONCOLOGY)
CERTIFIED IN VETERINARY ACUPUNCTURE (IVAS)
GRADUATE DIPLOMA VETERINARY CHINESE HERBAL MEDICINE (CIVT)**

Personal Information

Date of birth: December 23, 1976

Citizenship: USA

Marital status: Married

Education

Animal Cancer and Imaging Center, May 2004-October 2006

Resident, Medical Oncology

Rochester Hills, MI

Animal Cancer and Imaging Center, 2003-2004

Intern, Medical Oncology

Rochester Hills, MI

Garden State Veterinary Specialists, 2002-2003

Intern, Small Animal Medicine and Surgery

Tinton Falls, NJ

Michigan State University, 1998-2002

Doctor of Veterinary Medicine College of Veterinary Medicine East Lansing, MI

Hope College, 1994-1998

Bachelor of Arts, Biology

Holland, MI

Positions Held

Specialist, Oncology and Complementary and Alternative Medicine, January 2007-present

Oakland Veterinary Referral Services

Bloomfield Hills, MI

Resident, Medical Oncology, 2004-2006

Animal Cancer and Imaging Center

Rochester Hills, MI

Intern, Medical Oncology, 2003-2004

Animal Cancer and Imaging Center

Rochester Hills, MI

Intern, Small Animal Medicine and Surgery, 2002-2003

Garden State Veterinary Specialists

Tinton Falls, NJ

Specialty Board Certification and Licensure

American College of Veterinary Internal Medicine Diplomat (Oncology), 2008
License to practice veterinary medicine in Michigan (Active) and New Jersey (Inactive)

Other Advanced Training and Certification: Veterinary Medicine

Graduate Diploma in Veterinary Chinese Herbal Medicine
College of Integrative Veterinary Medicine, 2015

A Time To Heal Traditional Chinese Medicine Herbal Training Course
Basic Course, 2008
Advanced Course, 2009

International Veterinary Acupuncture Society (IVAS) certified veterinary acupuncturist, 2007

Other Training and Certification: Non-Veterinary Science: Wellness, Meditation and Personal Development

Paths to Happiness Training
Didactic and practical training on the intersection of Brain Research, Modern Positive Psychology Theory and Research, and Ancient Yoga Philosophies for cultivating happiness and wellbeing, with Dr. Winston McCullough PhD, Psychology, 2011-2013

Yoga Studies Institute 500 Hour Yoga Teacher Training Certification Course
Intensive study in Breathwork, Meditation, Yoga Philosophy on the Mind and Perceptions, and Physical Yoga Practice
Yoga Studies Institute, Tucson, AZ, 2010

Yoga Studies Institute, Yoga Classics Intensives, 2005-2009
Bhagavad Gita Intensive, Study Course
Hatha Yoga Pradipika Intensive, Study Course
Yoga Sutra Intensive, Study Course
Tibetan Heart Yoga 10 Teacher Training

Asian Classics Institute 18 Foundation Courses
Asian Classics Institute, 2004-2008
Mahayana Tibetan Buddhist Philosophy Courses: 180 Classes, 4 year study program
Includes: ethics, effective communication, in-depth study of various meditation techniques, compassion development training, and mindfulness training.

Professional Memberships

Veterinary Cancer Society, 2003-present
American Veterinary Medical Association, 2003-present
Michigan Veterinary Medical Association, 2002-present
Southeastern Veterinary Medical Association, 2007-present
American Holistic Veterinary Medical Association, 2007-2019

Honors Societies

Beta Beta Beta, Biology Honors Society, Hope College 1996-1998

Alpha Epsilon Delta, Pre-Medical Honors Society, Hope College 1996-1998

Awards

Arthur D. Marosi Award, excellence in surgery, Michigan State University, 2002

Outstanding Contribution to Clinical Practice Award from Southeastern Michigan Veterinary Medical Association, 2017

Teaching Activities: Veterinary Science

Oakland Veterinary Referral Services, 2007-present

Education of Oncology and Alternative Medicine Clerkship externs from the Michigan State University College of Veterinary Medicine junior and senior class

Animal Cancer and Imaging Center, 2003-2006

Education of Oncology Clerkship externs from the Michigan State University College of Veterinary Medicine junior and senior class

Veterinary Presentations

Liu Jun Zi Tang Biomedical Mechanisms of Action, Sept 28, 2022

College of Integrative Veterinary Therapies

Webinar

Canine Splenic Hemangiosarcoma: Overview of Current Conventional Treatments and Integrative Therapy, Sept 9, 2022

College of Integrative Veterinary Therapies

Webinar

Integrative Management of Hypercalcemia of Malignancy, Sept 30, 2022

MettaPets Veterinary Professional Series

Webinar

Blood Moving Chinese Herbs and Formulas, Sept 26-27

A Time to Heal Basic Course

New Haven, Vermont

Quick Guide to Gastrointestinal Support Formulas, July 29, 2022

MettaPets Veterinary Professional Series

Webinar

Quick Guide to Liver Support Formulas, June 24, 2022

MettaPets Veterinary Professional Series

Webinar

Curcumin and doxorubicin potential Cardioprotective Effects: Part 1, Apr 29, 2022

MettaPets Veterinary Professional Series

Webinar

How an Compound in Turmeric may Help Fight Diffuse Large B Cell Lymphoma, Mar 25, 2022

MettaPets Veterinary Professional Series

Webinar

Molecular Mechanisms of Action of Qi Invigorating Herbs in Killing Lymphoma Cells, Feb 25, 2022

MettaPets Veterinary Professional Series

Webinar

Palliating Canine Lymphoma with Prednisone and Chinese Herbs, Jan 28, 2022

MettaPets Veterinary Professional Series

Webinar

Blood Support Formulas, Dec 17, 2021

MettaPets Veterinary Professional Series

Webinar

Does Chinese Herbal Medicine Decrease Chemotherapy Efficacy in Patients, Nov 19, 2021

MettaPets Veterinary Professional Series

Webinar

Palliating Nasal Tumors with Traditional Chinese Medicine, Oct 22, 2021

MettaPets Veterinary Professional Series

Webinar

Xiao Chai Hu Tang for Cachexia, Sept 25, 2021

MettaPets Veterinary Professional Series

Webinar

Si Wu Tang for Mast Cell Tumors, Aug 19, 2021

MettaPets Veterinary Professional Series

Webinar

Gui Pi Tang for Thrombocytopenia, July 22, 2021

MettaPets Veterinary Professional Series

Webinar

Canine Splenic Hemangiosarcoma: How I approach a Patient Specific Protocol, May 27, 2021

MettaPets Veterinary Professional Series

Webinar

Canine Splenic Hemangiosarcoma: Updated Results of a Retrospective Case Series: Surgery, Herbs and Diet, Apr 30, 2021

MettaPets Veterinary Professional Series

Webinar

Xiao Chai Hu Tang for Cancer: 3 part series, April, 2021

College of Integrative Veterinary Therapies

Webinar

Huo Luo Xiao Ling Dan: Introduction: Potential Role and mechanisms of Action for Managing Cancer Patients, March 26, 2021

MettaPets Veterinary Professional Series

Webinar

Baicalin and Chronic Pancreatitis: Potential Role and Mechanisms of Action for Managing Chronic Pancreatitis, February 26, 2021

MettaPets Veterinary Professional Series

Webinar

Liu Jun Zi Tang and Cachexia: Mechanisms of Action for Managing Cancer Cachexia, January 22, 2021

MettaPets Veterinary Professional Series

Webinar

Shi Quan Da Bu Tang: Role in Gastrointestinal Care for Dogs Receiving Vincristine, December 16, 2020

MettaPets Veterinary Professional Series

Webinar

Liu Jun Zi Tang: Biomedical Mechanisms of Appetite Support: Part 2, November 18, 2020
MettaPets Veterinary Professional Series
Webinar

Liu Jun Zi Tang: Biomedical Mechanisms of Appetite Support: Part 1, October 21, 2020
MettaPets Veterinary Professional Series
Webinar

Canine Thyroid Carcinoma, Integrative Management, July 2018
A Time To Heal Advanced Veterinary Herbal Training Course
New Haven, Vermont

Canine Nasal Carcinoma, Integrative Management, July 2018
A Time To Heal Advanced Veterinary Herbal Training Course
New Haven, Vermont

Canine Appendicular Osteosarcoma, Integrative Management, July 2018
A Time To Heal Advanced Veterinary Herbal Training Course
New Haven, Vermont

Radical Self-Care for the Veterinary Practitioner, July 2018
A Time To Heal Advanced Veterinary Herbal Training Course
New Haven, Vermont

Canine Appendicular Osteosarcoma: Updates in Conventional Management and Introduction to Evidence Informed Integrative Management with Traditional Chinese Medicine, October 2017
American Holistic Veterinary Medicine Association Annual Conference
San Diego, California

Canine Splenic Hemangiosarcoma: Updates in Conventional Management and Overview of Evidence Informed Integrative Management with Traditional Chinese Medicine, October 2017
American Holistic Veterinary Medicine Association Annual Conference
San Diego, California

Canine Multicentric Lymphoma: Overview of Conventional Management and Evidence Informed Integrative Management, October 2017
American Holistic Veterinary Medicine Association Annual Conference
San Diego, California

Canine Appendicular Osteosarcoma: Updates in Conventional Management and Introduction to Evidence Informed Integrative Management with Traditional Chinese Medicine, Sept 8, 2017
College of Integrative Veterinary Therapies
Webinar

Canine Multicentric Lymphoma: Overview of Conventional Management and Evidence Informed Integrative Management, January 26 and 27, 2017
College of Integrative Veterinary Therapies
Webinar

Canine Multicentric Lymphoma: Overview of Current Conventional Treatments and Evidence Informed Integrative Therapy, October 2016
A Time To Heal Advanced Veterinary Herbal Training Course
New Haven, Vermont

Canine Mast Cell Tumors: Overview of Current Conventional Treatments and Evidence Informed Integrative Therapy, October 2016
A Time To Heal Advanced Veterinary Herbal Training Course

New Haven, Vermont

Canine Splenic Hemangiosarcoma: Overview of Current Conventional Treatments and Evidence Informed Integrative Therapy, October 2016

A Time To Heal Advanced Veterinary Herbal Training Course
New Haven, Vermont

Canine Mast Cell Tumors: Overview of Current Conventional Treatments and Evidence Informed Integrative Therapy, October 2015

American Holistic Veterinary Medicine Association Annual Conference
Augusta, Georgia

Canine Mast Cell Tumors: Overview of Conventional Treatments and Integrative Therapy, March 11, 2016
College of Integrative Veterinary Therapies

Webinar

Canine Nasal Carcinoma: Overview of Conventional Treatments and Integrative Therapy, March 10, 2016
College of Integrative Veterinary Therapies

Webinar

Canine Splenic Hemangiosarcoma: Overview of Current Conventional Treatments and Integrative Therapy, October 2015

American Holistic Veterinary Medicine Association Annual Conference
Augusta, Georgia

Canine Nasal Tumors: Overview of Current Conventional Treatments and Integrative Therapy, October 2015

American Holistic Veterinary Medicine Association Annual Conference
Augusta, Georgia

Antiangiogenic Therapy with Herbs: Overview of Current Conventional Treatments and Integrative Therapy, October, 2015

American Holistic Veterinary Medicine Association Annual conference
Augusta, Georgia

Antiangiogenic Therapy with Herbs – Overview of Cancer Progression, Angiogenesis and Metastasis and how this Relates to Anticancer Herbal Therapies, October 2, 2015

College of Integrative Veterinary Therapies
Webinar

Canine Thyroid Carcinoma: Overview of Current Conventional Treatments and Integrative Therapy, Sept 24, 2015

College of Integrative Veterinary Therapies
Webinar

Canine Splenic Hemangiosarcoma: Overview of Current Conventional Treatments and Integrative Therapy, Sept 17, 2015

College of Integrative Veterinary Therapies
Webinar

Canine Appendicular Osteosarcoma, October 2014

Bone Cancer Dogs Annual Reunion
Oakland Veterinary Referral Services

Canine Appendicular Osteosarcoma, October 2014

Fort Detroit Golden Retriever Club
Oakland Veterinary Referral Services

Introduction to Complementary and Alternative Medicine and Veterinary Acupuncture, January 2010

Michigan Veterinary Conference
Lansing, Michigan

Introduction to Applications of Traditional Chinese Herbal Medicine, January 2010
Michigan Veterinary Conference
Lansing, Michigan

Introduction to the Biomedical Basis of Herbal Cancer Treatment and the Antiangiogenic
Action of Herbs, January 2010
Michigan Veterinary Conference
Lansing, Michigan

Introduction to Acupuncture and Traditional Chinese Medicine, October 2009
Michigan Association of Veterinary Technicians Fall Conference
Novi, Michigan

Introduction to Traditional Chinese Herbal Veterinary Medicine, October 2009
Michigan Association of Veterinary Technicians Fall Conference
Novi, Michigan

Introduction to Complementary and Alternative Medicine, April 2009
Guest Lecture
Wayne County Community College Veterinary Technology Program

Introduction to Complementary and Alternative Medicine in Cancer Therapy, February 2009
Guest Lecture
Integrative Medicine Club
Michigan State University College of Veterinary Medicine

Introduction to Traditional Chinese Medicine, October 2008
General Practitioner Continuing Education Seminar
Oakland Veterinary Referral Services

Introduction to Complementary and Alternative Medicine, September 2008
Technician Continuing Education Seminar
Oakland Veterinary Referral Services

Vaccine Associated Sarcomas, Mar 2006
Comparative Oncology Resident Course
Michigan State University

Primary bone tumors in dogs and cats, Jan 2006
Referring Veterinarian Seminar Animal Cancer and Imaging Center Canton, MI

Primary bone tumors in dogs and cats, Jan 2006
Grand Rounds
Animal Cancer and Imaging Center
Canton, MI

Vaccine Associated Sarcomas, Dec 2005
Referring Veterinarian Seminar Animal Cancer and Imaging Center Canton, MI

Comparative oncology: Brain tumors, Aug 2005
Referring Veterinarian Seminar
Animal Cancer and Imaging Center
Canton, MI

Nutritional Management of Cancer Patients, Jun 2005
Grand Rounds

Animal Cancer and Imaging Center
Canton, MI

Pamidronate for Osteosarcoma, Feb 2005
Grand Rounds
Animal Cancer and Imaging Center
Canton, MI

Osteosarcoma, literature review, Jul 2004
Grand Rounds
Animal Cancer and Imaging Center
Rochester Hills, MI

VSC 2003 current research review, Nov 2003
Grand Rounds
Animal Cancer and Imaging Center
Rochester Hills, MI

Ocular Melanoma, Sept 2003
Grand Rounds
Animal Cancer and Imaging Center
Rochester Hills, MI

Adriamycin: Pharmacology and Clinical Applications, Aug 2003
Grand Rounds
Animal Cancer and Imaging Center
Rochester Hills, MI

Teaching Activities: Non-Veterinary Science: Wellness, Meditation, and Personal Development

Wellness MasterClass for Veterinarians: Loving Kindness Meditation (Metta Meditation): January - March 2021.
MettaPets Veterinarian Wellness Network

Max Meditation System™: Guided Meditation Event: This balanced meditation system combines methods from ancient yogic traditions, modern psychology and neuro-linguistic programming.
May 29 & October 4, 2020
Zoom

Free Weekly Guided Meditations for Stress Management, Virtual Events for Veterinarians and Local Community, Tuesdays, April – June 2020
Zoom

Resilient: Weekly Workshop and Guided Meditations to develop Life Skills for Greater Resilience, Sundays, April – July 2020
Zoom

Guided Loving Kindness Meditation, Virtual Event, March 15, 2020
Zoom

Max Meditation System™: Guided Meditation Event: This balanced meditation system combines methods from ancient yogic traditions, modern psychology and neuro-linguistic programming.
January 19 & February 9, 2020
Rochester Hills, MI

Mindfulness for Stress Reduction Workshop: Part 3: Loving Kindness Meditation, January 10, 2020
Red Lotus Yoga, Rochester, MI

Max Meditation System™: Guided Meditation Event: This balanced meditation system combines methods from ancient yogic traditions, modern psychology and neuro-linguistic programming.
December 15, 2019
Rochester Hills, MI

Mindfulness for Stress Reduction Workshop: Part 2: Heart Mind Coherence Techniques,
November 1, 2019
Red Lotus Yoga, Rochester, MI

Mindfulness for Stress Reduction Workshop: Part 1: Basic Mindfulness Techniques, October 4, 2019
Red Lotus Yoga, Rochester, MI

Mindfulness for Stress Reduction in Cancer Care: Part 3: Loving Kindness Meditation, May 4, 2019
MettaPets Webinar. www.mettapets.info

Mindfulness for Stress Reduction in Cancer Care: Part 2: Heart Mind Coherence Techniques,
March 30, 2019
MettaPets Webinar. www.mettapets.info

Mindfulness for Stress Reduction in Cancer Care: Part 1: Basic Mindfulness Techniques,
February 23, 2019
MettaPets Webinar. www.mettapets.info

Meditation for Transformation, weekly meditation group, every Thursday evening, 2019
Red Lotus Yoga, Rochester Hills, MI

The Mind Illuminated, weekly Mindfulness meditation group and Book Study: Spiritual Expansion
Group: Weekly Meditation Group, every Tuesday evening, 2018
Red Lotus Yoga, Rochester Hills, MI

The Seven Chakras and your Personal Transformation Workshop: 8 Week Series, Tuesdays, Aug 1 –
Sept 19, 2017
Red Lotus Yoga, Rochester Hills, MI

Introduction to Mindfulness and Meditation: Weekly Meditation Group, every Tuesday evening,
2017
Red Lotus Yoga, Rochester Hills, MI

Divine PowerHouse: Monthly Meditation and Spiritual Discussion Group: Monthly group
meditations and Personal development discussion group, Monthly, Sundays, 2016 - 2020
Rochester Hills, MI

Infinity Circle: Meditation and Discussion Group, Monthly, Sundays, 2014 - 2015
Rochester Hills, MI

7 Paths to Happiness Workshop: The Science and Yoga of Relationships, Part 3: Keys to Relationship
Building based on the Brain Chemistry and Science of Modern Positive Psychology Research and
the Ancient Practices of Yoga, May 20, 2013
Co-Taught with Psychologist Pamela Vaccarelli (LLP)
Red Lotus Yoga, Rochester Hills, MI

7 Paths to Happiness Workshop: The Science and Yoga of Relationships, Part 2: Keys to Relationship
Building based on the Brain Chemistry and Science of Modern Positive Psychology Research and
the Ancient Practices of Yoga, April 15, 2013
Co-Taught with Psychologist Pamela Vaccarelli (LLP)
Red Lotus Yoga, Rochester Hills, MI

7 Paths to Happiness Workshop: The Science and Yoga of Relationships, Part 1: Keys to Relationship Building based on the Brain Chemistry and Science of Modern Positive Psychology Research and the Ancient Practices of Yoga, March 11, 2013
Co-Taught with Psychologist Pamela Vaccarelli (LLP)
Red Lotus Yoga, Rochester Hills, MI

Guided Loving Kindness Meditation and Yoga Class, Weekly, Sundays, 2013
Red Lotus Yoga, Rochester Hills, MI

Paths to Happiness, Weekly Study Group: Discover proven methods to cultivate greater happiness based on 21st century psychology theory and research, and discuss how this parallels what ancient yogic philosophies have taught for centuries, Weekly, Mondays, 2012-2013
Co-Taught with Psychologist Pamela Vaccarelli
Red Lotus Yoga, Rochester Hills, MI

Mindfulness Meditation Retreat: Antar Mauna: Cultivating Inner Silence, November 5-6, 2011
Organized and Led the Residential Weekend Retreat
Colombiere Retreat Center, Clarkston, MI

Chakra Yoga: Guided Meditation and Yoga Class, Weekly, Sundays, 2011-2012
Red Lotus Yoga, Rochester Hills, MI

The Interior Castle and the Diamond Cutter Sutra: A Meditation Retreat, April 4-5, 2009
Organized and Co-Taught this Residential Weekend Retreat
Colombiere Retreat Center, Clarkston, MI

Asian Classics Institute Foundation Courses: Buddhist Philosophy, Meditation and Personal Development Study Group, Weekly, Tuesdays, 2006-2012
The Mandala Center, Senior Teacher
Red Lotus Yoga, Rochester Hills, MI

Publications

Refereed Articles:

Bannink EO, Sauerbrey M, Mullins MN, Hauptman J, Obradovich J. Actinomycin D as rescue therapy in dogs with relapsed or resistant lymphoma: 49 cases (1999-2006). J Am Vet Med Assoc. 2008 Aug 1;233(3):446-51.

Sauerbrey ML, Mullins MN, Bannink EO, Van Dorp TE, Kaneene JB, Obradovich JE. Lomustine and prednisone as a first-line treatment for dogs with multicentric lymphoma: 17 cases (2004-2005). J Am Vet Med Assoc. 2007 Jun 15;230(12):1866-9.

Abstracts

Bannink EO, Sauerbrey M, Mullins MN, Hauptman J, Obradovich J. Actinomycin D as Rescue Therapy for Canine Lymphosarcoma: A Restrospective Study of 64 Cases. Proceedings of the Veterinary Cancer Society Annual Conference; October 2006.

Sauerbrey ML, Obradovich JE, BanninkEO. Single agent chemotherapy with CCNU (Iomustine) with or without prednisone for dogs with lymphoma: 15 cases. Proceedings of the Veterinary Cancer Society Annual Conference; October 2006.

Non-refereed Articles

Bannink EO. Canine Splenic Hemangiosarcoma: Overview of current conventional treatments and integrative therapy. AHVMA Journal. 2016 v.42:22-27.

Bannink EO. Antiangiogenic therapy with herbs. AHVMA Journal. 2016 v.42:28-34.

Bannink EO. Oral Malignant Melanoma in Dogs. Oncology News; Winter 2005.

Bannink EO. Applications of Veterinary Acupuncture. *Oncology News*; Summer 2005.

Invited Presentations

State of the Art Presentation: The Potential Role of Traditional Chinese Medicine in Treatment of Canine Splenic Hemangiosarcoma. *Veterinary Cancer Society Annual Conference*, Louisville, KY, 2018.

Actinomycin D as a Rescue Therapy for Canine Lymphoma: A Retrospective Study of 64 Cases. Poster Presentation at the *Veterinary Cancer Society Annual Conference*, Pine Mountain, GA, 2006.

