



ERIN O'NEIL BANNINK

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EDUCATION

- **Bachelor of Arts, Biology | 1994 – 1998**
Hope College, *Holland, Michigan*
- **Doctor of Veterinary Medicine | 1998 - 2002**
Michigan State University, College of Veterinary Medicine, *East Lansing, Michigan*

SPECIALTY BOARD CERTIFICATION AND LICENSURE

- **Diplomate of the American College of Veterinary Internal Medicine (Oncology) | 2008**
American College of Veterinary Internal Medicine, *Lakewood, Colorado*
- **License to practice veterinary medicine in Michigan (active) and New Jersey (inactive)**

POST-GRADUATE TRAINING AND CERTIFICATIONS

- **Graduate Diploma in Veterinary Chinese Herbal Medicine | 2015**
College of Integrative Veterinary Therapies, *Sydney, Australia*
- **Traditional Chinese Herbal Medicine, Advanced Course | 2009**
A Time to Heal Herbs, *Wonder Lake, Illinois*
- **Traditional Chinese Herbal Medicine, Advanced Course | 2008**
A Time to Heal Herbs, *Wonder Lake, Illinois*
- **Traditional Chinese Herbal Medicine, Basic Course | 2008**
A Time to Heal Herbs, *Wonder Lake, Illinois*
- **Certified Veterinary Acupuncturist | 2007**
International Veterinary Acupuncture Society, *Fort Collins, Colorado*
- **Residency in Medical Oncology | May 2004 – October 2006**
Animal Cancer and Imaging Center, *Rochester Hills, Michigan*
- **Internship in Medical Oncology | 2003 - 2004**
Animal Cancer and Imaging Center, *Rochester Hills, Michigan*
- **Internship in Small Animal Medicine and Surgery | 2002 - 2003**
Garden State Veterinary Specialists, *Tinton Falls, New Jersey*

POSITIONS HELD

- **Veterinary Specialist, Oncology, Integrative and Alternative Medicine | 2007 - present**
Oakland Veterinary Referral Services, *Bloomfield Hills, Michigan*
- **Teaching Faculty | 2016 - present**
College of Integrative Veterinary Therapies, *Sydney, Australia*
- **Board Member, American College of Veterinary Botanical Medicine | 2019 – present**
- **Veterinarian, Resident in Medical Oncology | May 2004 – October 2006**
Animal Cancer and Imaging Center, *Rochester Hills, Michigan*
- **Veterinarian, Intern in Medical Oncology | 2003 - 2004**
Animal Cancer and Imaging Center, *Rochester Hills, Michigan*
- **Veterinarian, Intern in Small Animal Medicine and Surgery | 2002 – 2003**
Garden State Veterinary Specialists, *Tinton Falls, New Jersey*

PRESENTATIONS

- **State of the Art Presentation (invited): Potential Role of Traditional Chinese Herbal Medicine in Treating Canine Splenic Hemangiosarcoma | Oct 2018**
Veterinary Cancer Society Annual Conference, *Louisville, Kentucky*
- **Race Accredited Webinar: Canine Multicentric Lymphoma: Overview of Conventional Management and Evidence Informed Integrative Management (3 hours)**
College of Integrative Veterinary Therapies, *Sydney, Australia*
- **Race Accredited Webinar: Canine Splenic Hemangiosarcoma: Overview of Current Conventional Treatments and Integrative Therapy (1 hour)**
College of Integrative Veterinary Therapies, *Sydney, Australia*
- **Race Accredited Webinar: Canine Thyroid Carcinoma: Overview of Current Conventional Treatments and Integrative Therapy (1 hour)**
College of Integrative Veterinary Therapies, *Sydney, Australia*
- **Race Accredited Webinar: Antiangiogenic Therapy with Herbs – Overview of Cancer Progression, Angiogenesis and Metastasis and how this Relates to Anticancer Herbal Therapies (2 hours)**
College of Integrative Veterinary Therapies, *Sydney, Australia*
- **Race Accredited Webinar: Canine Nasal Carcinoma: Overview of Conventional Treatments and Integrative Therapy (1 hour)**
College of Integrative Veterinary Therapies, *Sydney, Australia*
- **Race Accredited Webinar: Canine Mast Cell Tumors: Overview of Conventional Treatments and Integrative Therapy (1 hour)**
College of Integrative Veterinary Therapies, *Sydney, Australia*

- **Race Accredited Webinar: Canine Appendicular Osteosarcoma: Evidence Informed Integrative Medicine (1 hour)**
 College of Integrative Veterinary Therapies, *Sydney, Australia*
- **Canine Nasal Carcinoma: Overview of Conventional Treatments and Evidence Informed Integrative Therapy | Jul 2018**
 A Time To Heal Advanced Herbal Course, *New Haven, Vermont*
- **Canine Appendicular Osteosarcoma: Updates in Conventional Management and Introduction to Evidence Informed Integrative Management with Traditional Chinese Medicine | Jul 2018**
 A Time To Heal Advanced Herbal Course, *New Haven, Vermont*
- **Canine Thyroid Carcinoma: Updates in Conventional Management and Introduction to Evidence Informed Integrative Management with Traditional Chinese Medicine | Jul 2018**
 A Time To Heal Advanced Herbal Course, *New Haven, Vermont*
- **Radical Self Care for the Veterinary Practitioner: How to Not Lose Your Marbles and Look Good Doing It | Jul 2018**
 A Time To Heal Advanced Herbal Course, *New Haven, Vermont*
- **Canine Appendicular Osteosarcoma: Updates in Conventional Management and Introduction to Evidence Informed Integrative Management with Traditional Chinese Medicine | Oct 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 | Oct 2017**
 American Holistic Veterinary Medicine Association Annual Conference, *San Diego, California*
- **Canine Multicentric Lymphoma: Overview of Conventional Management and Evidence Informed Integrative Management | Oct 2017**
 American Holistic Veterinary Medicine Association Annual Conference, *San Diego, California*
- **Canine Multicentric Lymphoma: Overview of Current Conventional Treatments and Evidence Informed Integrative Therapy | Oct 2016**
 A Time To Heal Advanced Herbal Course, *New Haven, Vermont*
- **Canine Mast Cell Tumors: Overview of Current Conventional Treatments and Evidence Informed Integrative Therapy | Oct 2016**
 A Time To Heal Advanced Herbal Course, *New Haven, Vermont*
- **Canine Splenic Hemangiosarcoma: Overview of Current Conventional Treatments and Evidence Informed Integrative Therapy | Oct 2016**
 A Time To Heal Advanced Herbal Course, *New Haven, Vermont*
- **Canine Mast Cell Tumors: Overview of Current Conventional Treatments and Evidence Informed Integrative Therapy | Oct 2015**
 American Holistic Veterinary Medicine Association Annual Conference, *Augusta, Georgia*

- **Canine Splenic Hemangiosarcoma: Overview of Current Conventional Treatments and Integrative Therapy | Oct 2015**
American Holistic Veterinary Medicine Association Annual Conference, *Augusta, Georgia*
- **Canine Nasal Tumors: Overview of Current Conventional Treatments and Integrative Therapy | Oct 2015**
American Holistic Veterinary Medicine Association Annual Conference, *Augusta, Georgia*
- **Antiangiogenic Therapy with Herbs: Overview of Current Conventional Treatments and Integrative Therapy | Oct 2015**
American Holistic Veterinary Medicine Association Annual conference, *Augusta, Georgia*
- **Canine Appendicular Osteosarcoma | Oct 2014**
Bone Cancer Dogs Organization, Annual Reunion, *Bloomfield Hills, Michigan*
- **Canine Appendicular Osteosarcoma | Oct 2014**
Fort Detroit Golden Retriever Club, *Bloomfield Hills, Michigan*
- **Introduction to Complementary and Alternative Medicine and Veterinary Acupuncture | Jan 2010**
Michigan Veterinary Conference, *Lansing, Michigan*
- **Introduction to Applications of Traditional Chinese Herbal Medicine | Jan 2010**
Michigan Veterinary Conference, *Lansing, Michigan*
- **Introduction to the Biomedical Basis of Herbal Cancer Treatment and the Antiangiogenic Action of Herbs | Jan 2010**
Michigan Veterinary Conference, *Lansing, Michigan*
- **Introduction to Acupuncture and Traditional Chinese Medicine | Oct 2009**
Michigan Association of Veterinary Technicians Fall Conference, *Novi, Michigan*
- **Introduction to Traditional Chinese Herbal Veterinary Medicine | Oct 2009**
Michigan Association of Veterinary Technicians Fall Conference, *Novi, Michigan*
- **Introduction to Complementary and Alternative Medicine | Apr 2009**
Wayne County Community College Veterinary Technology Program, *Detroit, Michigan*
- **Introduction to Complementary and Alternative Medicine in Cancer Therapy | Feb 2009**
Integrative Medicine Club, Michigan State University, College of Veterinary Medicine, *East Lansing, Michigan*
- **Introduction to Traditional Chinese Medicine | Oct 2008**
General Practitioner Continuing Education Seminar, Oakland Veterinary Referral Services, *Bloomfield Hills, Michigan*
- **Introduction to Complementary and Alternative Medicine | Sept 2008**
Technician Continuing Education Seminar, Oakland Veterinary Referral Services, *Bloomfield Hills, Michigan*
- **Actinomycin D as Rescue Therapy for Canine Lymphosarcoma: A Restrospective Study of 64 Cases | Oct 2006**
Veterinary Cancer Society Annual Conference, *Pine Mountain, Gorgia*
- **Vaccine Associated Sarcomas | Mar 2006**

Comparative Oncology Resident Course, Michigan State University, College of Veterinary Medicine, *East Lansing, Michigan*

- **Primary Bone Tumors in Dogs and Cats | Jan 2006**
Referring Veterinarian Seminar, Animal Cancer and Imaging Center, *Canton, Michigan*
- **Primary Bone Tumors in Dogs and Cats | Jan 2006**
Grand Rounds, Animal Cancer and Imaging Center, *Canton, Michigan*
- **Vaccine Associated Sarcomas | Dec 2005**
Referring Veterinarian Seminar, Animal Cancer and Imaging Center, *Canton, Michigan*
- **Comparative Oncology: Brain Tumors | Aug 2005**
Referring Veterinarian Seminar, Animal Cancer and Imaging Center, *Canton, Michigan*
- **Nutritional Management of Cancer Patients | Jun 2005**
Grand Rounds, Animal Cancer and Imaging Center, *Canton, Michigan*
- **Pamidronate for Osteosarcoma | Feb 2005**
Grand Rounds, Animal Cancer and Imaging Center, *Canton, Michigan*
- **Osteosarcoma, literature review | Jul 2004**
Grand Rounds, Animal Cancer and Imaging Center, *Rochester Hills, Michigan*
- **VSC 2003 current research review | Nov 2003**
Grand Rounds, Animal Cancer and Imaging Center, *Rochester Hills, Michigan*
- **Ocular Melanoma | Sept 2003**
Grand Rounds, Animal Cancer and Imaging Center, *Rochester Hills, Michigan*
- **Adriamycin: Pharmacology and Clinical Applications | Aug 2003**
Grand Rounds, Animal Cancer and Imaging Center, *Rochester Hills, Michigan*

PUBLICATIONS AND RESEARCH

- **Bannink EO**, Sauerbrey M, Hazzah T, Pope K, Sarbu L, Sahara A, Beck A. Investigation of a Traditional Chinese Medicine Herbal Therapy Protocol for Treatment of Dogs with Stage II Splenic Hemangiosarcoma after Splenectomy: a prospective clinical trial. Currently enrolling patients. Funding available for 50 patients. \$33,116 grant awarded by the American Holistic Veterinary Medical Foundation.
- **Bannink EO**, Sauerbrey M. Investigation of a Chinese Herbal Formula for Palliative Management of Canine Appendicular Osteosarcoma: a prospective evaluation of 25 dogs. Study Completed.
- **Bannink, E.** Integrative Oncology. *Innovative Veterinary Care Journal*. Invited Integrative Practice article. Currently in peer review.

- **Bannink, E**, Marsden S. Clinical Trial Announcement: Investigation of a Traditional Chinese Medicine Herbal Therapy protocol for Treatment of Dogs with Stage II Splenic Hemangiosarcoma After Splenectomy. *Innovative Veterinary Care Journal*. Currently in peer review.
- **Bannink EO**. Canine Splenic Hemangiosarcoma: Overview of current conventional treatments and integrative therapy. *AHVMA Journal*. 2016 v.42:22-27. (Non-refereed)
- **Bannink EO**. Antiangiogenic therapy with herbs. *AHVMA Journal*. 2016 v.42:28-34. (Non-refereed)
- **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. (Refereed Article)
- 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. (Refereed Article)
- **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. (Abstract)
- Sauerbrey ML, Obradovich JE, **Bannink EO**. Single agent chemotherapy with CCNU (lomustine) with or without prednisone for dogs with lymphoma: 15 cases. *Proceedings of the Veterinary Cancer Society Annual Conference*; October 2006. (Abstract)
- **Bannink EO**. Oral Malignant Melanoma in Dogs. *Oncology News*; Winter 2005. (Non-refereed)
- **Bannink EO**. Applications of Veterinary Acupuncture. *Oncology News*; Summer 2005. (Non-refereed)

AWARDS AND ACKNOWLEDGEMENTS

- **Outstanding Contribution to Clinical Practice | 2017**
Southeastern Veterinary Medical Association, *Southfield, Michigan*
- **Arthur D. Marosi Award for Excellence in Surgery | 2002**
Michigan State University, College of Veterinary Medicine, *East Lansing, Michigan*
- **Beta Beta Beta, Biology Honors Society | 1996 - 1998**
Hope College, *Holland, Michigan*
- **Alpha Epsilon Delta, Pre-Medical Honors Society | 1996 - 1998**
Hope College, *Holland, Michigan*

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-present**
- **International Veterinary Acupuncture Society | 2004-present**
- **American Association of Veterinary Acupuncturists | 2007-2017**