

PUBLICATIONS & PRESENTATIONS

Martin A. Vidal,

BVSc, MS, PhD, Dipl. ACVS, Dipl. ACVSMR

Board-certified in Equine Surgery

Board-certified in Equine Sport Medicine and Rehabilitation



Business Address:

Cave Creek Equine Surgical and Imaging Center

34705 N 14th St., Phoenix, AZ 85086

Email: vidal@cavecreekequine.com

Website: www.cavecreekequine.com

LinkedIn: www.linkedin.com/in/mvidal

Publications

Journals (peer-reviewed)

1. Vidal MA, Valdes-Martinez A, Bueno AC. What is your diagnosis? Desmitis of the right accessory ligament of the superficial digital flexor tendon. *J Am Vet Med Assoc*, 228(6): 845-6, 2006.
2. Vidal MA, Kilroy GE, Johnson JR, Lopez MJ, Moore RM, Gimble JM. Cell growth characteristics and differentiation frequency of adherent equine bone marrow-derived mesenchymal stromal cells: adipogenic and osteogenic capacity. *Veterinary Surgery*, 35(7): 601-10, 2006.
3. Vidal MA, Gaschen L, Mitchell CF. What is your diagnosis? Palmar carpal bone fracture. *J Am Vet Med Assoc*, 231(3): 379-80, 2007.
4. Vidal MA, Kilroy GE, Lopez MJ, Johnson JR, Moore RM, Gimble JM. Characterization of equine adipose tissue-derived stromal cells: adipogenic and osteogenic capacity and comparison with bone marrow-derived mesenchymal stromal cells. *Veterinary Surgery*, 36(7): 613-22, 2007.
5. Vidal MA, Robinson SO, Lopez MJ, Paulsen DB, Borkhsenius O, Johnson JR, Moore RM, Gimble JM. Comparison of chondrogenic potential in equine mesenchymal stromal cells derived from adipose tissue and bone marrow. *Veterinary Surgery*, 37: 713-24, 2008.
6. Gimble JM, Guilak F, Nuttal ME, Satishkumar S, Vidal MA, Bunnell BA. In vitro differentiation potential of mesenchymal stem cells. *Transfus Med Hemother*, 35(3): 228-38, 2008.
7. Genetos DC, Rao RR, Vidal MA. Betacellulin inhibits osteogenic differentiation and stimulates proliferation through HIF-1 α . *Cell Tissue Res*, 340(1): 81-9, 2010.
8. Waguespack RW, Burba DJ, Hubert JD, Vidal MA, Lomax LG, Chirgwin SR, Lopez MJ. Effects of extracorporeal shock wave therapy on desmitis of the accessory ligament of the deep digital flexor tendon in the horse. *Veterinary Surgery*, 40(4): 450-6, 2011.
9. Spencer ND, Chun R, Vidal MA, Gimble JM, Lopez MJ. In vitro expansion and differentiation of fresh and revitalized adult canine bone marrow-derived and adipose tissue-derived stromal cells. *Veterinary Journal*, 191(2): 231-9, 2011.

10. Carrade DD, Owens SD, Galuppo LD, Vidal MA, Ferraro GL, Librach F, Buerchler S, Friedman MS, Walker NJ, Borjesson DL. Clinicopathologic findings following intra-articular injection of autologous and allogeneic placentally derived equine mesenchymal stem cells in horses. *Cytotherapy*, 13(4): 419-30, 2011.
11. Vidal MA, Walker N, Napoli E, Borjesson DL. Evaluation of senescence in mesenchymal stem cells isolated from equine bone marrow, adipose tissue and umbilical cord tissue. *Stem Cells Dev*, 21(2): 273-83, 2011.
12. Vallance SA, Vidal MA, Murphy BG, Whitcomb MB, Spriet MP, Galuppo LD. Evaluation of a diode laser for use in induction of tendinopathy in the superficial digital flexor tendon of horses. *American Journal of Veterinary Research*, 73(9): 1435-44, 2012.
13. Sole A, Spriet MP, Galuppo LD, Padgett KA, Borjesson DL, Wisner ER, Brosnan RJ, Vidal MA. Scintigraphic evaluation of intra-arterial and intravenous regional limb perfusion of allogeneic bone marrow-derived mesenchymal stem cells in the normal equine distal limb using ^{99m}Tc-HMPAO. *Equine Vet J*, 44(5): 594-9, 2012.
14. Spriet M, Murphy B, Vallance SA, Vidal MA, Whitcomb MB, Wisner ER. Magic angle magnetic resonance imaging of diode laser induced and naturally occurring lesions in equine tendons. *Veterinary Radiology & Ultrasound*, 53(4): 394-401, 2012.
15. Hagerty P, Lee A, Calve S, Lee CA, Vidal M, Baar K. The effect of growth factors on both collagen synthesis and tensile strength of engineered human ligaments. *Biomaterials*, 33(27): 6355-61, 2012.
16. Sole A, Spriet M, Padgett KA, Vaughan B, Galuppo LD, Borjesson DL, Wisner ER, Vidal MA. Distribution and persistence of 99mTc-HMPAO labeled bone marrow-derived mesenchymal stem cells in experimentally induced tendon lesions after intratendinous injection and regional perfusion of the equine distal limb. *Equine Vet J*, 45(6):726-31, 2013
17. Knych HK, Vidal MA, Casbeer H, McKemie DS. Pharmacokinetics of Triamcinolone Acetonide Following Intramuscular and Intra-Articular Administration to Exercised Thoroughbred Horses. *Equine Vet J*. 45(6):715-20, 2013.
18. Trela J, Spriet M, Padgett KA, Galuppo LD, Vaughan B, Vidal MA. Scintigraphic comparison of intra-arterial injection and distal intra-venous regional limb perfusion for administration of mesenchymal stem cells to the equine foot. *Equine Vet J*. 46(4):479-83, 2014.
19. Spriet M, Buerchler S, Trela J, Hembrooke T, Padgett KA, Rick M, Vidal MA, Galuppo LD. Scintigraphic tracking of mesenchymal stem cells after intra-venous regional limb perfusion and sub-cutaneous administration on the standing horse. *Veterinary Surgery*. 44(3):273-80, 2015.
20. Knych HK, Vidal MA, Chouicha N, Mitchell M, Kass PH. Cytokine, catabolic enzyme and structural matrix gene expression in synovial fluid following intra-articular administration of triamcinolone acetonide in exercised horses. *Equine Vet J*. 2015 Oct 30 (Epub ahead of print)

Book Chapters

1. Vidal MA, Lopez MJ: Adipogenic Differentiation of Adult Equine Mesenchymal Stromal Cells, Gimble JM, Bunnell BA, (ed), *Adipose-Derived Stem Cells: Methods and Protocols*, Methods in Molecular Biology, Vol. 702, Springer Humana Press, pp. 61-75, 2011.

Other Publications (non peer-reviewed)

1. Vidal MA and Moore RM. Treatment options for injured tendons and ligaments in athletic horses. Louisiana Horseman's Guide, 73-8, 2005.
2. Vidal MA and Moore RM. Injured tendons and ligaments - what are your options. Off Course, May/June: 1-12, 2005.
3. Vidal MA. Stem cell-based regenerative therapy for equine tendon injuries. Proceedings of the 147th AVMA annual convention, 2010.
4. Vidal MA. Stem cell-based regenerative therapy for equine tendon injuries. AERC Endurance Veterinarian News Letter, 5(2): 3-5, 2010.

Abstracts

1. Vidal MA, Crenshaw TD, Benevenga NJ, Freer FR. Longitudinal changes in total body bone mineral content as measured by dual energy x-ray absorptiometry in newborn piglets – relationship to weight gain. Pediatric Research, 35: 322A, 1994.
2. Vidal MA, Crenshaw TD, Benevenga NJ, Greer FR. Bone mechanical properties and total bone mineral content measured by dual energy x-ray absorptiometry in newborn piglets – relationship to weight gain. Journal of Bone and Mineral Research, 9(Suppl 1): S251, 1994.
3. Vidal MA, Kaup SM, Johnson WA, Crenshaw TD. Relationships among mechanical properties and mineral composition of femurs from miniature swine ranging in age from 0.4 to 14 years. Journal of Bone and Mineral Research, 10(Suppl 1): T494, 1995.
4. Vidal MA, Gimble JM, Johnson JR, Lopez MJ, Moore RM. Cell growth and doubling characteristics of equine fetal and foal mesenchymal stromal cells of bone marrow origin. Proceedings of the American College of Veterinary Surgeons Veterinary Symposium, October 27-29, San Diego, California, 26, 1995.
5. Budde RA, Schneider DK, Vidal MA, Crenshaw RD. Short time restriction of calcium enhances changes in bone strength of pigs. Journal of Animal Science, 76(Suppl 1): 176, 1998.
6. Vidal MA, Valdez-Martinez A, Addison JD, Hosgood G, Kerney MT, Hillmann DJ, Wilhite R, Hubert JD. Ultrasonographic measurement of medial femoral condylar cartilage thickness adjacent to the medial meniscus in 60 racing thoroughbreds. Proceedings of the 2nd World Veterinary Orthopedic Congress and 33rd Annual VOS Meeting, February 25-March 4, Keystone, CO, 243, 2005.
7. Waguespack RW, Hubert JD, Burbs DJ, Lopez M, Lomax G, Chirwin SR, Vidal MA. Effects of extracorporeal shockwave therapy on healing in collagenase-induced desmitis of the inferior check ligament of the deep digital flexor tendon in the horse. Proceedings of the American College of Veterinary Surgeons Veterinary Symposium, October 5-7, Washington, DC, 26, 2006.
8. Vidal MA, Kilroy GE, Johnson JR, Lopez MJ, Moore RM, Gimble JM. Cell growth characteristics and differentiation frequency of adherent equine bone marrow-derived mesenchymal stromal cells: adipogenic and osteogenic capacity. Proceedings of the American College of Veterinary Surgeons Veterinary Symposium, October 5-7, Washington, DC, 26, 2006.
9. Vidal MA, Kilroy GE, Johnson JR, Lopez MJ, Moore RM, Gimble JM. Cell growth characteristics and differentiation frequency of adherent equine adipose tissue-derived mesenchymal stromal cells: adipogenic and osteogenic capacity. Proceedings of the International Fat Applied Technology Society Meeting, October 20-24, Baton Rouge, LA, 55, 2006.

10. Vidal MA, Robinson SO, Lopez MJ, Paulsen DB, Borkhsenius O, Johnson JR, Moore RM, Gimble JM. Comparison of Chondrogenic potential in mesenchymal stromal cells derived from adipose tissue and bone marrow. Proceedings of Veterinary Orthopedic Society Conference, March 8 –15, 2008, Big Sky, Montana, 2008.
11. Wisner ER, Spriet M, Puchalski SM, Vidal MA, Galuppo LD, Walker NJ, Larson RF, Borjesson DL. Can magnetic forces be used to induce anisotropic migration of iron oxide labeled stem cells in normal tendon? Contrast Media and Molecular Imaging, 4(6): 293, 2009.
12. Vidal MA, Walker N, Napoli E, Genetos DC, Borjesson D. Evaluation of senescence in mesenchymal stromal cells isolated from equine bone marrow, adipose and umbilical cord tissue. 1st North American Veterinary Regenerative Medicine Conference, 21, 2010.
13. Spencer N, Chun RL, Vidal MA, Gimble JM, Lopez, MJ. In vitro comparison of adult canine bone marrow-derived and adipose tissue-derived stromal cell growth characteristics. American College of Veterinary Surgeons 2010.
14. Spriet M, Murphy B, Vallance SA, Vidal MA, Whitcomb MB, Wisner ER. Magic angle MR imaging of laser-induced lesion in equine tendons. European Veterinary Diagnostic Imaging, 90, 2010.
15. Vidal MA, Sod GA. An assessment of locking and ao screw position to increase cyclic fatigue during axial compression of an oblique mid-diaphyseal equine third metacarpal fracture model, abstract # 224. 12th Biennial Conference of the International Society for Fracture Repair, 2010.
16. Sole A, Spriet M, Galuppo LD, Padgett KA, Borjesson DL, Wisner ER, Brosnan RJ, Vidal MA. Evaluation of intra-arterial and intra-venous regional limb perfusion of mesenchymal stem cells in the normal equine distal limb using scintigraphy. 2011 ACVS Veterinary Symposium, E46-7, 2011.
17. Spriet M, Sole A, Galuppo LD, Padgett KA, Borjesson DL, Wisner ER, Brosnan RJ, Vidal MA. In-vivo tracking of equine MSCs using Tc-HMPAO labeling and scintigraphy. North American Veterinary Regenerative Medicine Conference, 2011.
18. Spriet M, Sole A, Galuppo LD, Padgett KA, Borjesson DL, Wisner ER, Brosnan RJ, Vidal MA. Use of scintigraphy for in-vivo tracking of equine mesenchymal stem cells. European veterinary diagnostic imaging conference, 2011.
19. Sole A, Spriet M, Galuppo LD, Padgett KA, Wisner ER, Vidal MA. Scintigraphic in vivo tracking of equine mesenchymal stem cells in surgically-induced tendon lesions. 21st annual scientific meeting European College of Veterinary Surgeons (July 5-7, 2012), 2012.
20. Spriet M, Sole A, Galuppo LD, Padgett KA, Wisner ER, Vidal MA. Scintigraphic in vivo tracking of mesenchymal stem cells in an equine model of tendinopathy. Veterinary Orthopedic Society conference, March 3–10, 2012.
21. Sod GA, Vidal MA, Riggs LM, Mitchell CF, Martin GS. An in vitro biomechanical study of the effect of locking and cortical screw position on the number of cycles to failure under axial loading of a locking compression plate fixation of an oblique mid-diaphyseal equine third metacarpal fracture mode. Veterinary Orthopedic Society conference, March 3-10, 2012.
22. Sole A, Spriet M, Galuppo LD, Padgett KA, Wisner ER, Vidal MA. Scintigraphic in vivo tracking of equine mesenchymal stem cells in surgically-induced tendon lesions. American College of Veterinary Surgeons, 2012.
23. Trela J, Spriet M, Padgett KA, Galuppo LD, Vaughan B, Vidal MA. Scintigraphic comparison of intra-arterial injection and distal intra-venous regional limb perfusion for

administration of MSCs to the equine foot. American College of Veterinary Surgeons, 2013.

24. Spriet M, Trela JM, Padgett KA, Vidal MA, Vaughan ME, Galuppo LD. Scintigraphic comparison of 4 different techniques of administration of mesenchymal stem cells to the equine foot. International Equine Conference on Laminitis and Diseases of the Foot.
25. Spriet M, Padgett K, Vidal MA, Galuppo LD, Wisner ER. Comparison of low-field and high-field MRI for the in vitro detection of iron oxide labeled mesenchymal stem cells. European Veterinary Diagnostic Imaging Conference, 2013.
26. Rich FR, Carpenter E, Vidal MA. Stifle Injuries Treated With Regenerative Therapy With Or Without Arthroscopic Surgery Fare Better Than With Arthroscopic Surgery Alone: A Study of 98 Horses. American Association of Equine Practitioners 61st Annual Convention, 2015.
27. Rich FR, Carpenter E, Vidal MA. Stifle Injuries Treated With Regenerative Therapy With Or Without Arthroscopic Surgery Fare Better Than With Arthroscopic Surgery Alone: A Study of 98 Horses. Tissue Engineering and Regenerative Medicine International Society (TERMIS), 2015
28. Vidal MA. Regional Limb Perfusion Of The Equine Distal Limb With Stem Cells: Lessons Learned From In Vivo Tracking Of Tc99m-HMPAO Labeled Cells. Conference: First and Second Conference on Current Veterinary Practices, Belgium, Mar 2016.

Presentations

Keynote Speaker, [§]National/International Veterinary Conference, [¶]National/International Scientific Conference, [#]University Teaching & Research Presentations, ^{}Layman Presentations, [&]Poster Presentations*

1. [&]Vidal MA, *Longitudinal Changes In Total Body Bone Mineral Content As Measured By Dual Energy X-Ray Absorptiometry In Newborn Piglets -Relationship To Weight Gain*, Seattle, WA, annual meeting, Pediatric Research (poster presentation) 1994.
2. [&]Vidal MA, *Bone Mechanical Properties And Total Bone Mineral Content Measured By Dual Energy X-Ray Absorptiometry In Newborn Piglets-Relationship To Weight Gain*, Kansas City, MO, annual meeting, American Society for Bone and Mineral Research (poster presentation), 1994.
3. [&]Vidal MA, *Land, Phosphorus, Pigs*, Arlington, WI, farm progress days (poster presentation), September 1994.
4. [&]Vidal MA, *Relationships Among Mechanical Properties And Mineral Composition Of Femurs From Miniature Swine Ranging In Age From 0.4 To 14 Years*, Baltimore, MD, Annual Meeting, American Society for Bone and Mineral Research (poster presentation), 1995.
5. [&]Vidal MA, *Short Time Restriction Of Calcium Enhances Changes In Bone Strength Of Pigs*, Denver, CO, annual meeting, Journal of Animal Science, 1998 (poster presentation).
6. [§]Vidal MA, *Bone Marrow Transfer: A Novel Technique For The Repair Of Tendon And Ligament Injuries*, Shepparton, Victoria, Australia, Regional Meeting of Victorian Veterinary Practitioners, June 2002 (30 minutes).
7. [§]Vidal MA, *Bone Marrow Transfer: A Novel Technique For The Repair Of Tendon And Ligament Injuries*, Shepparton, Victoria, Australia, Veterinary Practitioner Conference, Goulburn Valley Equine Hospital, July 2002 (30 minutes).
8. [&]Vidal MA, *Care Of The Geriatric Horse*, Shepparton, Victoria, Australia, Riding for

- Disabled Club, July 2002 (1 hour).
9. [§]Vidal MA, *Problems Of The Urinary System In The Foal*, Shepparton, Victoria, Australia, Breeders Short Course, Goulburn Valley Equine Hospital, August 2002 (20 minutes).
 10. [#]Vidal MA, *Surgical Correction Of A Small Intestinal Inguinal Hernia*, Baton Rouge, LA, School of Veterinary Medicine, Louisiana State University, Department of Veterinary Clinical Science, October 2003 (30 minutes).
 11. [#]Vidal MA, *Treatment Of Equine Tendonitis - A Review*, Baton Rouge, LA, School of Veterinary Medicine, Louisiana State University, Equine Health Studies Program, January 2004 (1 hour).
 12. [#]Vidal MA, *Tissue Engineering In Treatment Of Equine Tendonitis*, Baton Rouge, LA, School of Veterinary Medicine, Louisiana State University, Department of Veterinary Clinical Science, April 2004 (1 hour).
 13. [#]Vidal MA, *Post-Operative Incisional Complications*, Baton Rouge, LA, School of Veterinary Medicine, Louisiana State University, Department of Veterinary Clinical Science, October 2004 (30 minutes).
 14. [#]Vidal MA, *Clinical Application Of Stem Cell Technology In Horses*, Baton Rouge, LA, School of Veterinary Medicine, Louisiana State University, Dean's grand rounds, January 2005 (1 hour).
 15. [&]Vidal MA, *The Importance Of Taking Good Care Of Your Horse's Tendons*, Baton Rouge, LA, deep south region quiz rally, River Riders/Red Stick/Mobile Bay Pony Club, Louisiana State University, March 2005 (30 minutes).
 16. [#]Vidal MA, *Ultrasonographic Measurement Of The Medial Femoral Condylar Cartilage Thickness In 60 Racing Thoroughbreds*, Baton Rouge, LA, School of Veterinary Medicine, Louisiana State University, Department of Veterinary Clinical Science, May 2005 (1 hour).
 17. [#]Vidal MA, *Research Update: Bone Marrow And Fat-Derived Mesenchymal Stromal Cell Culture*, seminar, Baton Rouge, LA, School of Veterinary Medicine, Louisiana State University, equine health studies program, October 2005 (1 hour).
 18. ^{§¶}Vidal MA, *Cell Growth And Doubling Characteristics Of Equine Fetal And Foal Mesenchymal Stromal Cells Of Bone Marrow Origin*, podium presentation, San Diego, CA, American College of Veterinary Surgeons Veterinary symposium, October 2005 (15 minutes).
 19. [#]Vidal MA, *Stem Cell Application In Modern Medicine And Surgery*, seminar/podium presentation, Baton Rouge, LA, Department of Veterinary Clinical Science, School of Veterinary Medicine, Louisiana State University, December 2005 (1 hour).
 20. [#]Vidal MA, *Equine Phaeohyphomycosis: A Case Report*, seminar, Baton Rouge, LA, School of Veterinary Medicine, Louisiana State University, Department of Veterinary Clinical Science, January 2006 (30 minutes).
 21. ^{&¶}Vidal MA, *Ultrasonographic Measurement Of Medial Femoral Condylar Cartilage Thickness Adjacent To The Medial Meniscus In 60 Racing Thoroughbreds*, Keystone, CO, 2nd World Veterinary Orthopedic Congress and 33rd annual VOS meeting, February 2006 (poster presentation).
 22. [&]Vidal MA, *Adipogenic Differentiation And Characterization Of Equine Bone Marrow-Derived Mesenchymal Stromal Cells*, Baton Rouge, LA, Howard Hughes Medical Institute summer undergraduate research program, Louisiana State University, August 2006 (poster presentation).
 23. [&]Vidal MA, *Cell Growth Characteristics And Differentiation Frequency Of Adherent Equine Bone Marrow-Derived Mesenchymal Stromal Cells: Adipogenic And Osteogenic Capacity*, Baton Rouge, LA, Phi Zeta research emphasis day, Louisiana State

- University, School of Veterinary Medicine, September 2006 (poster presentation).
24. [§]Vidal MA, *Stem Cells: A Novel Therapy For Equine Tendon Injuries*, Podium Presentation, Baton Rouge, LA, 75th Annual Conference for Veterinarians, School of Veterinary Medicine, Louisiana State University, October 2006 (1 hour).
 25. [§]Vidal MA, *Characterization Of Equine Bone Marrow (MSC) And Adipose (ASC) Stromal Cells. Cell Frequency, Growth And Differentiation: Adipogenic And Osteogenic Capacity*, resident forum, Washington, DC, American College of Veterinary Surgeons Veterinary Symposium, October 2006 (15 minutes).
 26. [&]Vidal MA, *Cell growth characteristics and differentiation frequency of adherent equine bone marrow-derived mesenchymal stromal cells: adipogenic and osteogenic capacity*, Washington, DC, American College of Veterinary Surgeons Veterinary Symposium, October 2006 (poster presentation).
 27. [&]Vidal MA, *Cell Growth Characteristics And Differentiation Frequency Of Adherent Equine Adipose, Tissue-Derived Mesenchymal Stromal Cells: Adipogenic And Osteogenic Capacity*, Baton Rouge, LA, international fat applied technology society meeting, October 2006 (poster presentation).
 28. [&]Vidal MA, *Effects Of Extracorporeal Shockwave Therapy On Healing In Collagenase-Induced Desmitis Of The Inferior Check Ligament Of The Deep Digital Flexor Tendon In The Horse*, Washington, DC, American College of Veterinary Surgeons Veterinary symposium, October 6, 2006 (poster presentation).
 29. [&]Vidal MA, *Equine Bone Marrow And Adipose Tissue-Derived Stem Cells: In Vitro Characterization, Comparison And Clinical Use*, Baton Rouge, LA, Louisiana State University, summer undergraduate research program, August 2. 2007 (poster presentation).
 30. [§]Vidal MA, *Chondrogenic Differentiation Potential Of Adult Equine Stem Cells Derived From Bone Marrow And Adipose Tissue*, Big Sky, MT, Veterinary Orthopedic Society meeting, March 14. 2008 (15 minutes).
 31. [#]Vidal MA, *Research Directions - Vidal Laboratory*, Davis, CA, VORL Retreat, JD Wheat Veterinary Orthopedic Research Laboratory, University of California, Davis, August 11. 2008 (20 minutes).
 32. [#]Vidal MA, *Introduction To Academic Opportunities Beyond Residency*, Tomales Bay, CA, 1st year resident retreat, Marconi Conference Center, August 16. 2008 (40 minutes).
 33. [#]Vidal MA, *Intracellular Labeling*, Davis, CA, Stem Cell Regenerative Medicine Group (SCRMG) meeting, JD Wheat Orthopedic Research Laboratory, University of California, Davis, August 21. 2008 (30 minutes).
 34. [§]Vidal MA, *Adult Equine Stem Cells: Current Knowledge, Lameness, imaging & novel therapeutics for orthopedic injuries*, CE Course, School of Veterinary Medicine, University of California, Davis, September 5. 2008 (30 minutes).
 35. [#]Vidal MA, *Cell Frequency, Growth And Multipotential Characterization Of Adult Equine Stem Cells Derived From Bone Marrow And Adipose Tissue*, VORL seminar, Davis, CA, JD Veterinary Orthopedic Research Laboratory, University of California, Davis, September 24. 2008 (1 hour).
 36. [&]Vidal MA, *Ultrasound Assessment Protocol And Preliminary Findings Of Equine Tendon Injury Before And After Stem Cell Therapy*, Baton Rouge, LA, Phi Zeta research emphasis day, Louisiana State University School of Veterinary Medicine, September 24. 2008 (poster presentation).
 37. [&]Vidal MA, *Comparison Of The Growth Characteristics Of Adult Canine Bone Marrow-Derived Stem Cells And Adipose Tissue-Derived Stem Cells*, Baton Rouge, LA, Phi Zeta

- research emphasis day, Louisiana State University, School of Veterinary Medicine, September 24. 2008 (poster presentation).
38. #Vidal MA, *Your First Academic Job (I&R Faculty Position)*, Tahoe City, CA, 2nd year resident retreat, Granlibakken, October 3. 2008 (15 minutes).
 39. #Vidal MA, *Adult Equine Stem Cells*, Davis, CA, California Horse Racing Board meeting, UC Davis School of Veterinary Medicine, November 18. 2008 (10 minutes).
 40. #Vidal MA, *Stem Cells: Modern Therapeutics For Tendon And Ligament Injuries In Horses*, Wilton, CA, horseman's day, Hunter Stallion Station, March 21. 2009 (1 hour).
 41. §¹Vidal MA, *Research And Applications Of Stem Cells For Tendon And Ligament Repair*, Los Olivos, CA, Annual Conference, Alamo Pintado Equine Medical Center, June 20. 2009 (30 minutes).
 42. #Vidal MA, *Choosing An Academic Career: Perspective Of A New Faculty Member*, Davis, CA, Students Training in Advanced Research (STAR), 2009 laboratory practices orientation, School of Veterinary Medicine, University of California, Davis, June 22. 2009 (1 hour).
 43. #Vidal MA, *Medical Records As A Legal Document*, Tomales Bay, CA, 1st year resident retreat, Marconi Conference Center, August 21. 2009 (30 minutes).
 44. #Vidal MA, *Myth And Reality In Stem Cell Therapy*, Greenville, CA, AERC National Championship, September 12. 2009 (1 hour).
 45. #Vidal MA, *Bone Marrow-Derived Mesenchymal Response To Exogenous Growth And Differentiation Factor (GDF)-5 In Monolayer Culture*, VORL seminar, Davis, CA, JD Veterinary Orthopedic Research Laboratory, University of California, Davis, December 11. 2009 (1 hour).
 46. §Vidal MA, *Approaches To Regenerative Tissue Repair Of Tendons And Ligaments*, Incline Village, NV, 32nd Lake Tahoe equine conference, January 29. 2010 (30 minutes).
 47. §Vidal MA, *Joint Therapy With Equine Stem Cells: Current Knowledge*, Incline Village, NV, 32nd Lake Tahoe Equine Conference, January 29. 2010 (30 minutes).
 48. §Vidal MA, *Evaluation Of Senescence In Equine Mesenchymal Stromal Cells From Bone Marrow, Adipose And Umbilical Cord Tissue*, Santa Ynez Valley, CA, 1st North American Veterinary Regenerative Medicine conference, March 5. 2010 (25 minutes).
 49. §Vidal MA, *Stem Cells And Regenerative Medicine: Stem Cell-Based Regenerative Therapy For Equine Tendon Injuries*, Atlanta GA, AVMA conference, July 31. 2010 (1 hour).
 50. §Vidal MA, *Advances In Clinical Application And Research For Stem Cell Therapy*, Incline Village, NV, Lake Tahoe Equine Veterinary Conference, January 27. 2011 (1 hour).
 51. §Vidal MA, *Central Tarsal Bone Fractures*, Pleasanton, CA, Northern California Association of Equine Practitioners meeting, March 31. 2011 (20 minutes).
 52. §Vidal MA, *Clinical Application Of Stem Cell-Based Therapy For Soft Tissue And Orthopedic Injuries And Disease*, Santiago, Chile, Seminario Medicina Regenerativa Veterinaria Equina, April 4. 2011 (1 hour).
 53. §Vidal MA, *Advances In Stem Equine Stem Cell Research*, Santiago, Chile, Seminario Medicina Regenerativa Veterinaria Equina, VitaStemCel, April 4. 2011 (1 hour).
 54. §Vidal MA, *Collection Of Bone Marrow And Adipose Tissue For Isolation Of Stem Cells And Their Application For Tendon Lesions*, Santiago, Chile, Seminario Medicina Regenerativa Veterinaria Equina, VitaStemCel, April 4. 2011 (3 hour workshop, 160 private practitioners).
 55. §Vidal MA, *Clinical Application Of Stem Cell-Based Therapy For Soft Tissue And*

- Orthopedic Injuries And Disease*, Viña del Mar, Chile, University of Viña del Mar, April 7, 2011 (30 minutes).
56. ¶Vidal MA, *Radionucleotide Tracking Of Mscs*, invited speaker, Phoenix, AZ, Havemeyer conference, May 3, 2011 (30 minutes).
 57. *Vidal MA, *Therapeutic Advances In Regenerative Medicine For Equine Tendon And Ligament Injuries*, Greenville, CA, North American endurance team challenge, Patriot's Day ride, September 23, 2011 (50 minutes).
 58. *¶Vidal MA, *In Vivo Tracking Of Tc-HMPAO Labeled Mesenchymal Stem Cells In Experimentally-Induced Tendon Lesions In The Equine Distal Limb*, Leipzig, Germany, world regenerative medicine conference, November 3, 2011 (keynote speaker, 30 minutes).
 59. §Vidal MA, *A Historical Perspective on Research and Clinical Practice with Stem Cells used for Equine Orthopedic and Soft Tissue Injuries*, 35th Annual Equine Seminar, Louisiana Veterinary Medical Association, Shreveport, LA, September 24, 2012 (1 hour).
 60. §Vidal MA, *Scintigraphic Comparison Of Different Routes Of MSC Administration In The Equine Distal Limb*, 35th Annual Equine Seminar, Louisiana Veterinary Medical Association, Shreveport, LA, September 24, 2012 (1 hour).
 61. §Vidal MA, *Clinical Approach and Adverse Reactions Associated with Administration of Autologous and Allogeneic Bone Marrow-Derived Mesenchymal Stem Cells*, 35th Annual Equine Seminar, Louisiana Veterinary Medical Association, Shreveport, LA, September 24, 2012 (1 hour).
 62. §Vidal MA, *Current Biological Therapies for Tendon and Ligament Injuries*, AERC Veterinary Continuing Education, Grand Sierra Resort & Casino – Reno, NV, March 8, 2013 (2 hours).
 63. #Vidal MA, VMTH, 35th Annual House Officer Seminar Day, Moderator, UC Davis, 1020 Valley Hall, March 22, 2013 (12 hours).
 64. §Vidal MA, *Platelet-Rich Plasma: A Review Of The Current Literature*. AERC Veterinary Continuing Education, Grand Sierra Resort & Casino – Atlanta, GA, March 8, 2014 (1 hours).
 65. §Vidal MA, *Treatment of Equine Joint Disease: The Old Guard vs. New Biological Therapies*. AERC Veterinary Continuing Education, Grand Sierra Resort & Casino – Atlanta, GA, March 8, 2014 (1 hours).
 66. §Vidal MA, *Making Sense of Equine Regenerative Therapies*, AERC Convention, Grand Sierra Resort & Casino – Atlanta, GA, March 8, 2014 (1 hour).
 67. *Vidal MA, *Understanding the Lower Limb Anatomy – Recognizing Critical Injuries to Keep your Horse in the Game*, Open House / Educational Day, Flying M Ranch, Placerville CA, Nov 16, 2014 (30 min).
 68. *Vidal MA, *Making Sense of Regenerative Medicine*, Cave Creek Equine Surgical & Diagnostic Imaging Center, Cave Creek, AZ, December 6, 2014 (1 hour)
 69. §Vidal MA, *Regenerative Medicine: A Combinatorial Treatment Approach To Orthopedic Injuries*. Annual Pacific Northwest Endurance Rides (PNER) Conference, Portland, OR, January 31, 2015
 70. §Vidal MA, *Advances in Platelet-Rich-Plasma Therapy for the Horse*. Annual Pacific Northwest Endurance Rides (PNER) Conference, Portland, OR, February 1, 2015
 71. §Vidal MA, Veterinary CE: *In Vivo Tracking Of Tc99m-HMPAO Labeled Mesenchymal Stem Cells In The Equine Distal Limb*. Annual Pacific Northwest Endurance Rides (PNER) Conference, Portland, OR, February 1, 2015.
 72. *Vidal MA, *Treatment Of Equine Joint Disease: The Old Guard Vs. New Biological*

Therapies. Cave Creek Equine Surgical & Diagnostic Imaging Center, Cave Creek, AZ, April 11, 2015 (1 hour)

73. *Vidal MA, *When To Use Regenerative Medicine In Lower Limb Injuries Of The Horse*. Cave Creek Equine Surgical & Diagnostic Imaging Center, Cave Creek, AZ, March 12, 2016 (1 hour)
74. [§]Vidal MA. *Regional Limb Perfusion Of The Equine Distal Limb With Stem Cells: Lessons Learned From In Vivo Tracking Of Tc99m-HMPAO Labeled Cells*. Frontiers in Veterinary Science Conference: "Second Conference on Current Veterinary Practices" Evergem, Belgium, March 26, 2016 (1 hour)
75. [§]Vidal MA. *Member: Panel Discussion*. Frontiers in Veterinary Science Conference: "Second Conference on Current Veterinary Practices" Evergem, Belgium, March 26, 2016 (1 hour)