

SEVN's Advanced Neurodiagnostics Conference Speakers



Robert Cole, DVM, DACVR
(Radiology, Equine Diagnostic Imaging)



Alina Demeter, DVM, PhD, DACVP



Chris Mariani DVM, PhD, DACVIM
(Neurology)



Andrew Miller, DVM, DACVP



Steve Roberts, PhD



Amanda R. Taylor, DVM, DACVIM
(Neurology), CVA, CCRP



Fred Winger VMD, MS, DACVIM
(Neurology)

Day 1, Wed, April 3, 2024

Time	Topic	Speaker (s)
7:15a - 8:00a	Breakfast	
8:00a - 8:50a	Electrodiagnostics: Equipment and Methodology “Little did you know your residency was half physics”	Fred Wininger VMD, MS, DACVIM (Neurology)
9:00a - 9:50a	Electromyography in Practice “Just stick a needle in it”	Fred Wininger VMD, MS, DACVIM (Neurology)
9:50a - 10:10a	Break	
10:15a - 11:05a	Motor Nerve Conduction Velocities “If my car is driving at 47 mph how long till we reach Albuquerque”	Fred Wininger VMD, MS, DACVIM (Neurology)
11:15a - 12:05p	The Late Waves of the Motor Nerve Conduction Velocity Study “Hit Me Back Yo”	Fred Wininger VMD, MS, DACVIM (Neurology)
12:10p - 1:20p	Lunch	
1:30p - 2:20p	Sensory Nerve Conduction, Cord Dorsum Potential, and Junctionopathies “Safety-Factor First”	Fred Wininger VMD, MS, DACVIM (Neurology)
2:30p - 3:20p	Auditory Assessment “Papa, can you hear me?”	Fred Wininger VMD, MS, DACVIM (Neurology)
3:20p - 3:40p	Beverage Break	
3:40p - 4:30p	Electroencephalography Theory, Generation & Normal Studies “More Physics: This Time with Squiggles in 12 Channels!”	Chris Mariani DVM, PhD, DACVIM (Neurology)
4:40p - 5:30p	Clinical Applications of Electroencephalography in Your Hospital “Is there EEG on my face?”	Chris Mariani DVM, PhD, DACVIM (Neurology)
6:00p - 7:30p	Hotel Dalmar - Networking (hors d'oeuvres & drinks)	

Day 2, Thur, April 4, 2024

Time	Topic	Speaker (s)
7:15a - 8:00a	Breakfast	
8:00a - 8:50a	An introduction to MRI physics	Steve Roberts, PhD Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging)
9:00a - 9:50a	Understanding MR image artifacts and how to reduce them	Steve Roberts, PhD Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging)
9:50a - 10:10a	Break	
10:15a - 11:05a	Approach to MRI Interpretation “Atomic Habits for Systematic Review”	Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP
11:15a - 12:05p	Normal MRI/CT Anatomy and Congenital Conditions “How do you define normal?”	Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP
12:10p - 1:20p	Lunch	
1:30p - 2:20p	Neoplasia and Inflammatory Diseases “How common are they?”	Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP
2:30p - 3:20p	Vascular and Traumatic Diseases “The bigger they are, the harder they fall... including a review on horses with traumatic head injury”	Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP
3:20p - 3:40p	Beverage Break	
3:40p - 4:30p	MRI Case Discussion Part 1	Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP
4:40p - 5:30p	MRI Case Discussion Part 2	Robert Cole, DVM, DACVR (Radiology, Equine Diagnostic Imaging) Amanda R. Taylor, DVM, DACVIM (Neurology), CVA, CCRP
6:00p - 8:00p	Rhythm & Vine Networking (dinner & drinks)	

Day 3, Fri, April 5, 2024

Time	Topic	Speaker (s)
7:15a - 8:00a	Breakfast	
8:00a - 8:50a	Introduction to neuropathology terms including histochemical stains and immunohistochemistry	Andrew Miller, DVM, DACVP
9:00a - 9:50a	Introduction continued and congenital/inherited diseases of the CNS	Andrew Miller, DVM, DACVP
9:50a - 10:10a	Break	
10:15a - 11:05a	Neoplasia - Gliomas & Meningiomas	Andrew Miller, DVM, DACVP
11:15a - 12:05p	Neoplasia - Common & Uncommon Neoplasms of the CNS	Andrew Miller, DVM, DACVP
12:10p - 1:20p	Lunch	
1:30p - 2:20p	Infectious conditions of the CNS	Alina Demeter, DVM, PhD, DACVP
2:30p - 3:20p	Inflammatory conditions of the CNS	Alina Demeter, DVM, PhD, DACVP
3:20p - 3:40p	Beverage Break	
3:40p - 4:30p	Vascular conditions of the CNS	Alina Demeter, DVM, PhD, DACVP
4:40p - 5:30p	Clinical Cases in Practice	Andrew Miller, DVM, DACVP