

Director Elizabeth Macarthur Agricultural Institute (EMAI) & EMAI Pathology Services Team (02 46406325 <u>laboratory.services@dpi.nsw.gov.au</u> www.dpi.nsw.gov.au)



Dr. Jim Rothwell Director EMAI Email: jim.rothwell@dpi.nsw.gov.au



Leah Manning Phone: 02 46406333



Tom Westermann Veterinary Pathology Resident Phone: 02 46406201



Sam Gilchrist Veterinary Pathology Resident Phone: 02 46406313



Dr. Keith Walker Team Leader Veterinary Pathology Services Phone: 02 46406277



Dr. Zoe Spiers Phone: 02 464046312



Dr. Pedro Pinczowski Phone: 02 46406053



Mark Hazelton Veterinary Pathology Resident Phone: 02 46406309

Jim Rothwell, BVSc, PhD, MANZCVS (pathobiology)

Jim has worked in diagnostic pathology in NSW, USA and Victoria, and has a PhD on anthelmintic resistance in Barbers Pole worm of sheep. Jim worked on new product development and technical support for parasiticides with Elanco Animal Health. Jim was also the Adjunct Professor University Qld Professor of Veterinary Pathology and Infectious Diseases at Uni Qld and Program Manager Animal Health and Welfare - Meat & Livestock Australia and in 2018 accepted the role of Director EMAI.

Leah Manning BVSc(hons), MANZCVSc, DACVP

Leah Manning graduated from the University of Sydney with a Bachelor of Veterinary Science (hons) in 2010. She then spent 2 years in general practice followed by a year rotating internship in NSW, and obtained membership of the ANZCVS in small animal medicine. Leah then undertook a 3 year anatomic pathology residency at the University of Minnesota State Diagnostic Lab, USA. She gained wide experience in anatomic pathology of a wide range of species, including companion animals, production animals and wildlife. Leah became a member of the ANZCVS pathobiology chapter in 2016, and a diplomate of the American College of Veterinary Pathologists in 2017.

Zoe Spiers BVSc BVMS MANZCVS (Pathobiology) PhD

Zoe Spiers graduated as a veterinarian from Murdoch University in 2004 and attained Membership of the Australian and NZ College of Veterinary Scientists by examination in 2009 (Pathobiology). In 2010, she completed a PhD through Murdoch University. She is involved in diagnostic veterinary pathology across a wide range of species and has published on subjects including genetic diseases of cattle, congenital pathology of sheep, oyster pathology and fish kills.

Tom Westermann BSc (VB), DVM

Tom Westermann graduated from the University of Adelaide with a Bachelor of Science (Veterinary Bioscience) and a Doctor of Veterinary Medicine. During his studies he led a research project investigating skin disease in South Australian alpacas. Tom has worked as a general practitioner in Victoria, and now in EMAI's pathology service. He has presented at several conferences, and takes particular interest in infectious diseases and high mortality events, with a current focus on respiratory pathology of turkeys.

Pedro Pinczowski, DVM, MSc, PhD

Pedro Pinczowski graduated from the São Paulo State University, Brazil in 2004 with a Doctor of Veterinary Medicine. He did a residency program in Anatomic Pathology in 2005 and a Master's degree in 2007. He lectured in anatomic pathology before moving to Spain in 2010 to do a combined PhD/ECVP training program. He worked for 7 years in production animal pathology and small ruminant research, publishing several articles in peer-reviewed journals.

Sam Gilchrist Resident Pathology (BVSc)

Sam has previously operated as a clinical veterinarian servicing captive wildlife institutions and free-ranging Australian wildlife. He has an extensive understanding of the biology of wildlife including mammals, birds, reptiles and fish. During his time at Wildlife Health Australia (WHA) he operated alongside Commonwealth and State Government Biosecurity departments to deliver coordinated, wildlife disease surveillance. Sam sees his new, pathology trainee role at EMAI as a great opportunity to learn from the team of District Veterinarians, to work collaboratively with all submitting vets to deliver diagnostic solutions and to complement effective exotic/emergency disease surveillance for NSW.

Mark Hazelton BScAgr(Hons1) BVSc MVetStud – Resident Pathology

Mark started his career as a jackeroo in the NT. He then studied Agricultural Science at the University of Sydney. Two years were spent in Canada studying on exchange and working on cattle ranches. He was then based in Victoria working for an animal feed ingredient supplier prior to studying Veterinary Science back in Sydney. Mark recently spent 4 years with the Livestock Unit at the University of Sydney where he completed a clinical residency. He is writing a PhD on Mycoplasma in dairy cattle and is an executive committee member of the Australian Cattle Veterinarians. (02) 4640 6309

Keith Walker BVScPhD

Dr. Keith H Walker Team Leader Pathology Services Group, DPI, EMAI, Menangle.

Field and laboratory services veterinarian/pathologist career with LLS and DPI. Doctorate in pathology of plant toxicology from Sydney University. Program Manager Biosecurity, Animal Health and Welfare for on-farm R&D 2007-2011 at MLA, Sydney. 2011-2017 Animal Agriculture consultant. Lifetime of farm lad to continuing producer (sheep and beef).