

International Graduate Centre of Animal Science (IGCAS)

STAFF CONTACT DETAILS

CSIRO CHISWICK, ARMIDALE

Dr Ian Purvis

Officer-in-Charge, FD McMaster Laboratory
Livestock Industries
Phone: 61 2 6776 1373
Fax: 61 2 6776 1333
Email: Ian.Purvis@csiro.au

CSIRO Livestock Industries FD McMaster Laboratory - Armidale

Chiswick
New England Highway
Locked Bag 1
Armidale NSW 2350
Research Interests:
Molecular technologies for optimizing ultrafine wool production in Australia
Genetic technologies for the Australian beef and sheep industries

Dr Nick Andronicus

No information available

Dr Ian Colditz

Project Leader
Senior Principal Scientist
Livestock Industries
Phone: 61 2 6776 1460
Alt Phone: 61 2 6776 1308
Fax: 61 2 6776 1333
Email: Ian.Colditz@csiro.au
Research Interests:
livestock immunology
livestock pathogenesis
resistance to bacterial and parasitic disease
objective measures of animal welfare

Dr Sonja Dominik

Research Scientist
Livestock Industries
Quantitative Genetics project
Phone: 61 2 6776 1376
Alt Phone: 61 2 6776 1300
Fax: 61 2 6776 1333
Email: Sonja.Dominik@csiro.au
Research Interests:
genotype by environment interaction
breeding strategies and breeding program design in aquaculture
QTL analysis for economically important traits in sheep
genomics of *Haemonchus contortus*, Barber's pole worm

Dr Sandra Eady

Geneticist & Principal Research Scientist

Livestock Industries

Phone: 61 2 6776 1394

Alt Phone: 61 2 6776 1306

Fax: 61 2 6776 1371

Email: Sandra.Eady@csiro.au

Research Interests:

quantitative genetics

livestock breeding program design

life cycle assessment

Dr Drewe Ferguson

Principal Research Scientist

Livestock Industries

Phone: 61 2 6776 1354

Alt Phone: 61 2 6776 1300

Fax: 61 2 6776 1333

Email: Drewe.Ferguson@csiro.au

Research Interests:

stress physiology

muscle biology/meat science

farm animal welfare

improving lamb survival through selection for temperament

objective measures of animal welfare

welfare outcomes in response to livestock road transport practices

Dr John Henshall

Statistical geneticist

Livestock Industries

Phone: 61 2 6776 1302

Fax: 61 2 6776 1333

Email: John.Henshall@csiro.au

Research Interests:

statistical genetics

incorporation of molecular genetics data in livestock improvement

the genetic improvement of aquaculture species

the application of configurable computing devices to genetic analyses

scientific computing.

application of quantitative genetics to economically important traits of livestock

Dr Muren Herrid

Research Scientist

Food Futures Flagship

CSIRO Livestock Industries

Phone: 61 2 6776 1386

Fax: 61 2 6776 1333

Email: muren.herrid@csiro.au

Research Interests:

embryology

reproductive physiology

stem cell biology

Dr Peter Hunt

Research Scientist
Livestock Industries
Molecular Biology

Phone: 61 02 6776 1321

Alt Phone: 61 02 6776 1398

Fax: 61 02 6776 1333

Email: Peter.Hunt@csiro.au

Research Interests:

Developing PCR tests to identify and quantify sheep nematodes

discovering genes and gene markers for virulence, geographic origin and drug resistance in Barber's pole worm (*Haemonchus contortus*)

gastrointestinal nematodes and the diseases they cause in cattle, sheep and goats.

discovering gene markers that can assist in breeding sheep with resistance to gastrointestinal nematodes

developing gastro-intestinal cell culture systems for testing interactions between nematode parasites and epithelial cells.

Dr Malcolm Knox

Principal Research Scientist
CSIRO Livestock Industries
Food, Health and Life Science Industries Group

Phone: 61 2 6776 1440

Research Interests:

parasite epidemiology and control

biological control of livestock parasites

nutrition-parasite interactions

pharmacokinetics of anthelmintics

diversity in *Haemonchus*

anthelmintic resistance in cattle nematodes

Dr Caroline Lee (and David Paul)

Research Scientist
Livestock Industries

Phone: 61 2 6776 1459

Fax: 61 2 6776 1333

Email: Caroline.Lee@csiro.au

Research Interests:

animal ethology

cognition and learning in livestock

assessing affective states in livestock

using cognitive abilities to assess affective states in livestock

pain relief strategies for painful husbandry techniques

Dr Jen Smith

Project Leader - Breech Strike Genetics
CSIRO Livestock Industries

Phone: 61 2 6776 1381

Fax: 61 2 6776 1333

Email: Jen.Smith@csiro.au

Research Interests:

quantitative genetics

wool metrology

sheep and wool production

artificial breeding in sheep