### Recent Advances in Animal Nutrition - Australia
#### 20th Biennial Conference Program

### Sunday 12 July
- **Registration**
- **Welcome and opening**
- **Opening speaker**: Professor Andrew Sinclair (Deakin University)

### Monday 13 July

#### Session 1: Competing for resources
- **9.30** Are co-products cost-effective alternative nutrient sources for Australian livestock production
  - Dr Ray King (RHK Consulting)
- **10.00** Contribution of exogenous enzymes to the preservation of limited feed resources
  - Dr Alexandre Peron (Danisco)
- **10.30** MORNING TEA
- **11.00** Revaluing feed inputs based on yield and utilisation potential
  - Dr Robert van Barneveld (Barneveld Nutrition)
- **11.30** Utilisation of high moisture grains in livestock systems
  - Dr Li Li (Kemira)
- **12.00** Iron levels in sheep and implications for human nutrition
  - Professor David Pethick (Murdoch University)
- **12.30** LUNCH

#### Session 2: Recent advances in improving and measuring efficiency
- **3.30** Recent Advances in enzyme technology for monogastrics
  - Professor Aaron Cowieson (AB Vista)
- **4.00** Anaerobic deterioration of silage
  - Dr Matthew Smith (Alltech)
- **4.30** Microfloral and mucosal immunity
  - Dr Mark Geier (SARDI)
- **6.00** BUFFET DINNER (Booloominbah)
  - Guest speaker: Gordon Butland (International business consultant, formerly Rabobank International)

### Tuesday 14 July

#### Session 3: Managing for climate change
- **9.00** The efficiencies of feed utilisation and methane emissions from cattle breeding and finishing production systems
  - Dr Bob Hunter (CSIRO)
- **9.30** Managing methane production in ruminants
  - Dr Roger Hegarty (NSW DPI)
- **10.00** Impact of government policy and future carbon trading on the management of livestock
  - Professor David Cottle (UNE)
- **10.30** MORNING TEA

#### Session 4: Significant breakthroughs and future constraints
- **11.00** Significant breakthroughs and future constraints, with specific reference to ruminant nutrition and related industries
  - Professor Hutton Oddy (UNE)
- **11.30** Significant breakthroughs and future constraints, with specific reference to pig nutrition and related industries
  - Mr Tony Edwards (ACE Nutrition)
- **12.00** Significant breakthroughs and future constraints, with specific reference to poultry nutrition and related industries
  - Professor Mingan Choc (Poultry CRC)
- **12.30** LUNCH

#### Session 5: Recent Advances in livestock feeding management
- **1.30** Fructose and feed intake
  - Dr Ian Godwin (UNE)
- **2.00** Water temperature and heat stress management in ruminants
  - Dr Darryl Savage (UNE)
- **2.30** Justifying feedlot consumption of grains in a limited resource and controlled output environment
  - Dr Matthew George (NSA Associates)
- **3.00** AFTERNOON TEA
- **3.30** Short communication session 2
- **6.00** CONFERENCE DINNER (Duval College)
  - Presentation of the JL Corbett Prize, Tony Edwards Award, Quotable Quotes

### Wednesday 15 July

#### Session 6: Innovative thinking for livestock nutrition management
- **9.00** Vegetarian diets for domestic canines
  - Dr Wendy Brown (UNE)
- **9.30** Importance of dressing percentage and its management
  - Professor James Rowe (Sheep CRC)
- **10.00** Nutrition management and reproductive efficiency in sheep
  - Assoc Professor Geoff Hinch (UNE)
- **10.30** MORNING TEA

CONFERENCE CLOSE