

Biographical Sketch

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME John T. Mackie		POSITION TITLE Adjunct Associate Professor, Veterinary Pathobiology, College of Veterinary Medicine, Texas A&M University	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
University of Queensland, Australia	BVSc	1979	Veterinary Microbiology
Australian National University	PhD	1988	Immunology

NOTE: The Biographical Sketch may not exceed four pages. Items A and B may not exceed two of the four-page limit.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

PROFESSIONAL EXPERIENCE

1980-1983	Associate Veterinarian, private veterinary practice, Australia
1983-1987	Postgraduate Student, John Curtin School of Medical Research, Australian National University
1987-1992	Pathologist, Victorian Department of Agriculture, Australia
1992-1993	Lecturer, Department of Veterinary Pathobiology, Texas A&M University
1993-1994	Pathologist, Victorian Department of Agriculture, Australia
1994	Sessional Lecturer, Victorian College of Agriculture and Horticulture, Australia
1995-2003	Pathologist, IDEXX Laboratories, Australia
1996-2002	Sessional Lecturer, School of Veterinary Science, University of Queensland, Australia
2003-present	Adjunct Professor, School of Veterinary Science, University of Queensland, Australia
2003-2004	Clinical Associate Professor, Department of Veterinary Pathobiology, Texas A&M University
2005-present	Adjunct Associate Professor, Department of Veterinary Pathobiology, Texas A&M University
2005-present	Chief Pathologist (Australia), IDEXX Laboratories, Brisbane, Australia

HONORS AND AWARDS

1979	First Class Honors, University of Queensland, Australia
1983	Postgraduate Studentship, Australian Meat and Livestock Research and Development Corporation
1990	Member, Australian College of Veterinary Scientists
1992	Fellow, Australian College of Veterinary Scientists
1993	Diplomate, American College of Veterinary Pathologists

B. Selected (>180) peer-reviewed publications (in reverse chronological order). Do not include publications submitted or in preparation.

- Atshaves BP, McIntosh AL, Landrock D, Payne HR, **Mackie JT**, Maeda N, Ball J, Schroeder F and Kier AB (2007) Effect of SCP-x gene ablation on branched-chain fatty acid metabolism. *Am J Physiol* **292**:G939.
- Nunes J, **Mackie JT** and Kiupel M (2006) Equine histoplasmosis presenting as a tumor in the abdominal cavity. *J Vet Diagn Invest* **18**:508.
- Skwor TA, Sedberry Allen SS, **Mackie JT**, Russell K, Berghman LR and McMurray DN (2006) BCG vaccination of guinea pigs modulates Mycobacterium tuberculosis-induced CCL5 (RANTES) production in vitro and in vivo. *Tuberculosis* **86**:419.
- Martin GG, Atshaves BP, McIntosh AL, **Mackie JT**, Kier AB and Schroeder F (2006) Liver fatty acid binding protein gene ablation potentiates hepatic cholesterol accumulation in cholesterol-fed female mice. *Am J Physiol* **290**:G36.
- Bercoval A, Montgomery DL, **Mackie JT** and Storts RW (2005) Primitive neuroectodermal tumor in the spinal cord of a Brahman crossbred calf. *Vet Pathol* **42**:834.
- Martin GG, Atshaves BP, McIntosh AL, **Mackie JT**, Kier AB and Schroeder F (2005) Liver fatty acid binding protein (L-FABP) gene ablation alters liver bile acid metabolism in male mice. *Biochem J* **391**:549.

- Afriyie-Gyawu E, **Mackie J**, Dash B, Wiles M, Taylor J, Huebner H, Tang L, Guan H, Wang J-S and Phillips T (2005) Chronic toxicological evaluation of dietary NovaSil Clay in Sprague-Dawley rats. *Food Addit Contam* **22**:259.
- Atshaves BP, McIntosh AL, Payne HR, **Mackie J**, Kier AB and Schroeder F (2005) Effect of branched-chain fatty acid on lipid dynamics in mice lacking fatty acid binding protein gene. *Am J Physiol* **288**:C543.
- Mackie JT**, Padhye AA, Sutherland RJ, Lamb WA and Davis S (2004) Granulomatous lymphadenitis and splenitis associated with *Monocillium indicum* infection in a dog. *J Vet Diagn Inve t* **16**:248.
- Mackie J** and O'Rourke J (2003) Gastritis associated with *Helicobacter*-like organisms in baboons. *Vet Pathol* **40**:563
- Mackie JT**, Black D and Prior H (2003) Enteritis associated with adenovirus-like particles in captive lorikeets. *Aust Vet J* **81**: 293.
- Mackie JT**, Booth R, Caton W and Stevenson R (2001) Concurrent infection with cilia-associated respiratory bacillus and mycoplasmas in spinifex hopping-mice (*Notomys alexis*) with pneumonia. *Aust Vet J* **79**: 502.
- Mackie J** and O'Rourke J (2000) An epizootic of gastritis associated with *Helicobacter*-like organisms in baboons. *Vet Pathol* **37**:531A.
- Fossum TW, Miller MW and **Mackie JT** (1998) Lymphangiosarcoma in a dog presenting with massive head and neck swelling. *J Am Anim Hosp Assoc* **34**:301.
- Sullivan ND, **Mackie JT**, Miller RI and Giles A (1997) First case of psittacine proventricular dilatation syndrome (macaw wasting disease) in Australia. *Aust Vet J* **75**: 674.
- Higgins DP, Carlisle-Nowak MS and **Mackie JT** (1997) Neural angiostrongylosis in three captive rufous bettongs (*Aepyprymnus rufescens*). *Aust Vet J* **75**: 564.
- Mackie JT**, Kaufman L and Ellis D (1997) Confirmed histoplasmosis in an Australian dog. *Aust Vet J* **75**: 362.
- Mackie JT** (1996) Haemorrhagic septicaemia in pigs. *Aust Vet J* **74**: 399.
- Mackie JT**, Macleod GA, Reubel GH and Studdert MJ (1996) Diagnosis of equine herpesvirus I abortion using polymerase chain reaction. *Aust Vet J* **74**: 390.
- Mackie JT**, Lightfoot D, Adamson M and Wishart M (1996) Antibiotic resistant phage types of *Salmonella Typhimurium* in dairy cattle. *Aust Vet J* **73**: 194.
- Mackie JT** and Dubey JP (1996) Congenital sarcocystosis in a Saanen goat. *J Parasitol* **82**: 350.
- Honnas CM, Crabill MR, **Mackie JT**, Yarbrough TB and Schumacher J (1995) Use of autogenous cancellous bone grafting in the treatment of septic navicular bursitis and distal sesamoid osteomyelitis in horses. *J Am Vet Med Assoc* **206**: 1191.
- Mackie JT**, Barton M, Hindmarsh M and Holdsworth I (1995) *Pasteurella haemolytica* septicaemia in sheep. *Aust Vet J* **72**: 474.
- Meurs K, Miller, MW, **Mackie JT** and Mathison P (1994) Syncope associated with cardiac lymphoma in a cat. *J Am Anim Hosp Assoc* **30**: 583.
- Mackie JT** and McIntyre B (1992) Congenital hypotrichosis in Poll Dorset sheep. *Aust Vet J* **69**: 146.
- Mackie JT**, Barton M and Kettlewell J (1992) *Pasteurella multocida* septicaemia in pigs. *Aust Vet J* **69**: 227.
- Mackie JT**, Rahaley R and Bennett R (1992) Lupinosis in yearling cattle. *Aust Vet J* **69**: 172.
- Mackie JT**, Rahaley R and Nugent R (1992) Suspected *Sarcocystis* encephalitis in a stillborn kid. *Aust Vet J* **69**: 114
- Mackie JT** and Stear MJ (1992) Preparation of B lymphocyte-specific antisera by skin implant immunization of cattle. *Vet Immunol Immunopathol* **30**: 305.
- Mackie JT** and Stear MJ (1990) The definition of five B lymphocyte alloantigens closely linked to BoLA class I antigens. *Anim Genet* **21**: 69.
- Mackie JT**, Bath ML, Stear MJ and Davis WC (1989) Monoclonal antibodies to bovine major histocompatibility system antigens. *Expl Clin Immunogenet* **6**: 178.
- Mackie JT** and Stear MJ (1988) Serological definition of bovine major histocompatibility system class II gene products. *Anim Genet* **19** (Supplement 1): 10.
- Stear MJ and **Mackie JT** (1987) Joint inheritance of bovine major histocompatibility system antigens W6 and W11. *Anim Genet* **18**: 71.
- Stear MJ, Brown SC, Dimmock CK, Dufty JH, Hetzel DJS, **Mackie JT**, Nicholas FW, Tierney TJ and Wetherall JD (1987) Breed differences in the frequency of bovine lymphocyte antigens. *Expl Clin Immunogenet* **4**: 27.
- Stear MJ, Bath ML, **Mackie JT**, Dimmock CK, Brown SC, Nicholas FW and Morris B (1985) The bovine major histocompatibility system and disease. In *Pests and parasites as migrants; an Australian perspective*, edited by Gibbs AJ and Meischke HRC, Australian Academy of Science, p.108.