

PROFESSOR ALAN LOUIS ARTHUR BOURA



- 1927 Born in London on April 1st 1927.
Educated at University College, London
- 1954 Obtained B.Sc. at University of London
- 1955-65 Pharmacologist at Wellcome Research Laboratories
- 1967 Obtained PhD at University of London
Thesis title “**Drug induced changes in the sensitivity of peripheral adrenergically innervated tissues.**”
- 1965-70 Head of Pharmacology Department, Reckitt & Colman Research Labs.
- 1970-75 Principal Scientist & Head of Pharmacology, Wellcome Research Labs.
- 1973-75 Council member of British Pharmacological Society
- 1975-90 Foundation Professor of Pharmacology at Monash University
- 1979 Awarded a Doctor of Science at the University of London
- 1982-87 Treasurer of the Australian Physiological and Pharmacological Society
- 1991 Professorial Fellow in Reproductive Medicine at the University of Newcastle
- 1996 Awarded Honorary Life Membership of ASCEPT
- 1997 Elected a Fellow *ad eundum* of the Royal Australian and New Zealand College of Obstetricians and Gynaecologists.
- 2000 Elected an Honorary Fellow of the British Pharmacological Society

Served on ASCEPT council and long-term member of ASCEPT, APPS & BPS

132 Refereed papers and reviews in the fields of
analgesics
treatment of high blood pressure
reproductive biology

STUDENTS OF PROFESSOR ALAN LOUIS ARTHUR BOURA

DOCTOR OF PHILOSOPHY

John Michael Armstrong “An investigation of the supersensitivity to vasoconstrictor stimuli shown by the hypertensive rat.”

1974 (*A.L.A.Boura*^{8 and 15})

Emilio Badoer “Cardiovascular role of central noradrenergic neuron groups in the rabbit.”

1986 (*A.L.A.Boura*⁸ & *P.I.Korner*²)

Shane Peter Bullock “The development of brain asymmetry for the control of sexual and aggressive behaviour in the young domestic chicken.”

1987 (*A.L.A.Boura*⁸ & *L.J.Rogers*⁸)

Janine Athalie Danks “Morphine tolerance and delta subtypes of the opiate receptor.”

1986 (*A.L.A.Boura*⁸ & *J.W.Funder*²)

Tibor Joseph Francis Deheny “Factors affecting progesterone and prostaglandin production by the human corpus luteum in vitro.”

1983 (*A.L.A.Boura*⁸ & *W.A.W.Walters*⁷)

Roger George Evans “The effects of synthetic opioids on neurohypophysial oxytocin and arginine vasopressin release in the rat: with particular reference to the pharmacology of N-(cyclopropyl methyl)-19-isopentyl-norvinol (M320).”

1987 (*A.L.A.Boura*⁸ & *J.E.Olley*⁸)

Geoffrey Albert Head “The role of central monoaminergic pathways in cardiovascular con-

1981 (*A.L.A.Boura*⁸ & *P.I.Korner*²)

Wayne Clarence Hodgson “Sensitivity changes in the cardiovascular system during experimentally induced diabetes.”

1990 (*A.L.A.Boura*⁸ & *R.G.King*⁸)

Chaweewan Jansakul “Vascular reactivity during pregnancy in the rat.”

1990 (*A.L.A.Boura*⁸ & *R.G.King*⁸)

Ian Matthew Leitch “Some acute pharmacological properties of 2-N-carbox-amidinonormianserin (FCC5) and 2-N-carbox-amidonormianserin (FCC13): two novel analogues of mianserin.”

1993 (*A.L.A.Boura*⁸ & *R.G.King*⁸)

Kevin Kam-Wing Mak “Studies of mechanisms underlying constriction and closure of the human umbilical vein.”

1984 (*A.L.A.Boura*⁸)

Dorothy Jill Snell “A study of the effects of sino-aortic denervation and renal hypertension on sympathetic nerve activity in the rabbit.”

1989 (*A.Bobik*² & *A.L.A.Boura*⁸)

Kuek Heng Thong “Chemistry and pharmacology of some metal complexes related to sodium nitroprusside.”

1979 (*A.L.A.Boura*⁸ & *D.Lampard*¹⁷)

MASTER OF SCIENCE

Neil Murray Gude “An investigation into the mechanisms controlling vascular tone of the fetal vessels of the human isolated perfused placenta..”

1989 (A.L.A.Boura⁸, R.G.King⁸ & W.A.Walters⁷)

Ivana Josefina Kuraya—Tiric “Phosphatidylinositol turnover pathway in heart”

1991 (A.L.A.Boura⁸, P.I.Korner² & E.A.Woodcock²)

Ian Larmour “Angiotensin converting enzyme and its synthetic inhibitors: assays, pharmacokinetics and properties.”

1985 (A.L.A.Boura⁸ & C.I.Johnston¹¹)

Mary Phyllis Rechtman “Factors influencing the actions and interactions of some vasoactive substances.”

1988 (A.L.A.Boura⁸)

Ian Raymond Norman Relf “The detection of peripheral arterial disease using doppler ultrasound, and its association with risk factors”

1982 (A.L.A.Boura⁸ & K.Myers¹²)

MASTER OF SCIENCE PRELIMINARY

George Farrugia “The interaction of propranolol and hydralazine in vitro using isolated rat hepatocytes and microsomal preparations.”

1984 (A.L.A.Boura⁸ & A.J.Mclean¹)

Wayne Clarence Hodgson “Cardiovascular sensitivity changes in experimental diabetes.”

1983 (A.L.A.Boura⁸)

BACHELOR OF MEDICAL SCIENCE

David Andrew Prentice “The human fetal placental vasculature: sensitivity to autacoids and effects on autacoid activity”

1984 (A.L.A.Boura⁸ & W.A.W.Walters⁷)

Alan Stephen Carlyle Sandford “An investigation into the mechanisms responsible for the contraction of the human umbilical vein.”

1979 (A.L.A.Boura⁸ & W.A.W.Walters⁷)

BACHELOR OF SCIENCE WITH HONOURS

Jane Margaret Atkinson “An investigation of the diuretic action of M320.”

1979 (A.L.A.Boura⁸)

Mary Familiari “The possible involvement of prostaglandins in the antinociceptive and peripheral actions of morphine.”

1978 (A.L.A.Boura⁸)

Charles Anthony Gatt “The effect of tobacco smoke on the prostaglandins released by the rat isolated perfused inflated lung.”

1978 (A.L.A.Boura⁸)

Stuart Cameron Hall “Changes in vascular sensitivity to arachidonic acid in the hindquarters of alloxan diabetic rats.”

1987 (A.L.A.Boura⁸ & R.G.King⁸)

Sue Lesley Hall "A study of the mechanism of action of plant extracts in the hypersensitivity response."
1984 (A.L.A.Boura⁸ & T.O. O'Brien⁵)

Bimal Roy Krishna "Acetylcholine output in normal and pre-eclamptic human placenta."
1986 (A.L.A.Boura⁸, R.G.King⁸ & W.A.Walters⁷)

Winnie Aik Kwong Lau "Angiotensin converting enzyme (ACE) inhibitor-related bronchoconstriction in anaesthetized guinea-pigs."
1988 (A.L.A.Boura⁸ & R.G.King⁸)

Sy Cheau Law "Effects of an aldose reductase inhibitor on diabetes-induced changes in vascular responses to eicosanoids."
1988 (A.L.A.Boura⁸ & R.G.King⁸)

Ian Matthew Leitch "The effects of captopril on autacoid release during inflammation in the rat."
1985 (A.L.A.Boura⁸)

Alexandra Lim Mui Ling "Factors affecting inactivation of bradykinin by the rat isolated perfused lung."
1983 (A.L.A.Boura⁸)

David Ronald Lloyd "Studies on the rat renal vascular bed."
1976 (A.L.A.Boura⁸)

Richard Douglas Murphy "Prostaglandin E2 removal by the rat isolated perfused lung."
1977 (A.L.A.Boura⁸)

James Clonnan Murray "An investigation into the possible role of endogenous prostaglandins in the rat kidney."
1977 (A.L.A.Boura⁸)

Gary Anil Prasad "The possible involvement of prostaglandins in vasoconstriction supersensitivity in doca-saline induced hypertension in the rat."
1981 (A.L.A.Boura⁸)

David Lee Reinhard "The possible involvement of lipoxygenase products in airway smooth muscle hyper-reactivity in the guinea-pig."
1981 (A.L.A.Boura⁸)

Ian Raymond Norman Relf "The effect of age, vitamin C, vitamin E and other factors on the output of prostacyclin by the isolated lungs of guinea-pigs and rats."
1979 (A.L.A.Boura⁸)

David Anthony Rose "Studies in the anaesthetized rat of the cardiovascular effects of labetalol (All 5158)."
1977 (A.L.A.Boura⁸)

Christopher Michael Rose'meyer "An investigation into possible mediatory roles of autacoids on cardiac pre-synaptic α_2 -adrenoceptors in the pithed rat."
1985 (A.L.A.Boura⁸)

Bogdan Sikorski "Receptor specific potentiation of vasoconstrictor responses to 5-hydroxytryptamine by the thromboxane A2-mimetic U46619 in Krebs perfused hindquarters of control and diabetic rats."
1987 (A.L.A.Boura⁸ & R.G.King⁸)

Jeffrey David Smith "The effect of age and alcohol on the release of fatty acid metabolites from the rat lung."
1982 (A.L.A.Boura⁸)

Roselyn Barbara Smith “An investigation of the pharmacological properties of ibuprofen analogues.”
1985 (*A.L.A.Boura*⁸)

David John Sutherland “A pharmacological investigation into the modulation of non cholinergic bronchoconstriction.”
1990 (*A.L.A.Boura*⁸ & *M.P.Rechtman*⁸)

Andrew Peter Svolmanis “The effect of converting enzyme inhibition on responses to irritant stimuli.”
1982 (*A.L.A.Boura*⁸)

Mankit Yip “Interaction between vasopressin and other physiological system in maintaining blood pressure in experimental hypertension.”
1988 (*A.L.A.Boura*⁸)

2 Baker Medical Research Institute

5 Monash University Department of Botany

7 Monash University Department of Obstetrics & Gynaecology

8 Monash University Department of Pharmacology

11 Prince Henry’s Hospital Department of Medicine

12 Prince Henry’s Hospital Department of Surgery

15 Wellcome Research Institute

17 Prince Henry’s Institute of Medical Research