

Research output

The Concise Guide to PHARMACOLOGY 2023/24: G protein-coupled receptors

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THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G protein-coupled receptors

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Blakeley, A. G. H., Powis, G. & Summers, R. J., 1 Apr 1974, In: The Journal of Physiology. 238, 1, p. 193-206 14 p.

The effect of monoamine oxidase inhibitors on the rectal temperature of the rat

SUMMERS, R. J., 1 Jan 1974, In: Journal of Pharmacy and Pharmacology. 26, 5, p. 335-343 9 p.

Some characteristics of the uptake process in the isolated blood perfused cat spleen resistant to desmethylimipramine and 17 β oestradiol

Blakeley, A. G. H., Powis, G. & Summers, R. J., 1 Dec 1973, In: British Journal of Pharmacology. 47, 3

An uptake process for L-noradrenaline resistant to desmethylimipramine (DMI) and 17 -estradiol in the cat spleen.

Blakeley, A. G., Powis, G. & Summers, R. J., 1 Feb 1973, In: Journal of Physiology. 229, 1

The effects of pargyline on overflow of transmitter and uptake of noradrenaline in the cat spleen

BLAKELEY, A. G. H., POWIS, G. & SUMMERS, R. J., 1 Jan 1973, In: British Journal of Pharmacology. 47, 4, p. 719-728 10 p.

Uptake of (L) noradrenaline in the isolated cat heart perfused with blood containing desmethylimipramine (DMI) and 17 β oestradiol (17 β O)

Blakeley, A. G. H., Powis, G. & Summers, R. J., 1 Jan 1973, In: Journal of Physiology. 234, 2

Effect of the monoamine oxidase inhibitor pargyline on the uptake of labelled noradrenaline by the cat's spleen.

Blakeley, A. G., Powis, G. & Summers, R. J., 1 Oct 1971, In: British Journal of Pharmacology. 43, 2

Cat assay for the emetic action of digitalis and related glycosides (digitoxin, digoxin, lanatoside C, ouabain and calactin)

PARSONS, J. A. & SUMMERS, R. J., 1 Jan 1971, In: British Journal of Pharmacology. 42, 1, p. 143-152 10 p.

Effects of monoamine oxidase inhibitors on the hypothermia produced in cats by halothane.

Summers, R. J., 1 Jan 1969, In: British Journal of Pharmacology. 37, 2, p. 400-413 14 p.

Qualifications

Employment

Emeritus Professor

Drug Discovery Biology

MONASH UNIVERSITY

2 Jan 2021 → present

Consultant

Atrogi Pty Ltd

Solana, Sweden

1 Jul 2017 → present

Consultant

Les Laboratoires Servier (Servier Laboratories)
Suresnes, France
1 Jan 2013 → present

Activities

Theme Leader

Roger Summers (Member)
10 Nov 2011

Prizes

ASCEPT Life Member

Summers, Roger (Recipient), 2010

ASCEPT/British Pharmacol Soc Visiting Lecturer

Summers, Roger (Recipient), 1991

British Pharmacological Society award for contributions to Molecular Pharmacology

Summers, Roger (Recipient), 2009

David Syme Research Prize University of Melbourne

Summers, Roger (Recipient), 1986

Emeritus Membership of ASPET

Summers, Roger (Recipient), 2019

Emeritus Professor Monash University

Summers, Roger (Recipient), 2020

Faculty Research Award for Excellence in Research

Summers, Roger (Recipient), Nov 2018

Fellow of the British Pharmacological Society

Summers, Roger (Recipient), 2005

Highly Cited Researcher from the Clarivates Web of Science Group

Summers, Roger (Recipient), 2019

Honorary Doctorate honoris causa Stockholm University

Summers, Roger (Recipient), 2006

Honorary Fellow of the British Pharmacological Society

Summers, Roger (Recipient), Dec 2017

Honorary Professorial Research Fellow Florey Institute

Summers, Roger (Recipient), 2009

Honorary Research Fellow University of Leicester

Summers, Roger (Recipient), 1996

Honorary Senior Principal Research Fellowship Florey Institute
Summers, Roger (Recipient), 2004

Kathleen & Lovat Fraser Award of the National Heart Foundation
Summers, Roger (Recipient), 1992

Michael Rand Medal ASCEPT
Summers, Roger (Recipient), 2003

Tage Erlander Visiting Professorship Swedish Research Council
Summers, Roger (Recipient), 2003

Top Cited Article Pharmacology Research and Perspectives
Summers, Roger (Recipient), 2021

Top downloaded paper British Journal of Pharmacology
Summers, Roger (Recipient), 2018

Visiting Professorship Toho University Japan
Summers, Roger (Recipient), 2003

Visiting Scientist Florey Institute
Summers, Roger (Recipient), 1988

Visiting Scientist in Neuroscience Johns Hopkins University
Summers, Roger (Recipient), 1982

Projects

Advanced protein modelling and docking system
Summers, R.
National Health and Medical Research Council (NHMRC) (Australia)
1/01/06 → 31/12/06

Central Adrenoceptor Subtypes and Their Role in Control of Metabolism and Food Intake
Summers, R. & Zakhem, M.
Monash University
1/01/00 → 31/12/00

Characterisation of insulin-independent glucose uptake mediated by G-protein coupled receptors
Summers, R., Bengtsson, T. & Hutchinson, D.
Australian Research Council (ARC)
1/01/09 → 30/06/11

Characterisation of novel ligands for diabetes
Hutchinson, D. & Summers, R.
Atrogi Pty Ltd
4/02/19 → 3/02/20

Characterisation of novel ligands for diabetes (Phase II & III)
Hutchinson, D. & Summers, R.
11/04/21 → 17/06/23

Fusion Universal Microplate Analyser - Equipment Grant 2000

Bear, P., Cheema, S., Evans, B. & Summers, R.

National Health and Medical Research Council (NHMRC) (Australia), Monash University

13/03/01 → 31/12/01

Investigation of the Mechanisms Involved in Consolidation of Memory By Beta 3 Adrenoceptoragonists

Gibbs, M. & Summers, R.

National Health and Medical Research Council (NHMRC) (Australia)

16/03/00 → 31/12/03

Microisolators, Laminar Flow Hoods and Microinjection Suite to Equip the Specific Pathogen Free Genetically Modified Mouse Facility At Monsh University

Summers, R., Bertram, J., Lawrence, A., Mercer, J. & Perkins, A.

Wellcome Trust

1/01/00 → 31/12/02

Molecular Pharmacology of Beta Adrenoceptors in Multiple Disease States - Application Is Also for a Research Fellowship - Project 124406 Combined With 124407 (gms Id 000458)

Summers, R. & Evans, B.

National Health and Medical Research Council (NHMRC) (Australia)

1/01/00 → 31/12/02

Molecular mechanisms underlying G protein coupled receptor signaling

Sexton, P., Christopoulos, A., Eidne, K. & Summers, R.

National Health and Medical Research Council (NHMRC) (Australia)

1/01/04 → 31/12/06

Molecular pharmacology of receptor activity modifying protein (RAMP) action

Sexton, P., Christopoulos, A., Summers, R. & Tilakaratne, N.

National Health and Medical Research Council (NHMRC) (Australia)

1/01/04 → 31/12/06

NSV Minor Project - Novel Drug Targets Formed By G-Protein Receptor Dimers

Summers, R., Evans, B., Hutchinson, D., Phiri, N. M. & Popp, B. D.

Novel actions of beta-adrenoceptor antagonists: Implications for the treatment of cardiac failure

Summers, R. & Evans, B.

National Health and Medical Research Council (NHMRC) (Australia)

2/01/08 → 31/12/10

Novel functional domains on adrenoceptors for drug interaction and cell signalling

Summers, R. & Evans, B.

National Health and Medical Research Council (NHMRC) (Australia)

1/01/03 → 31/12/07

Relaxin action in the heart, kidney, lung and uterus: understanding fibrosis. LP0211545

Summers, R., Parry, L. J., Samuel, C. S., Tregear, G. W. & Unemori, E.

Australian Research Council (ARC), Connexions Group

1/01/02 → 31/12/04

Relaxin: Molecular mechanisms of action in the reversal of fibrosis

Summers, R., Gao, X., Judkins, C., Bathgate, R. A. D., Du, X., Samuel, C. S., Tang, M. L. K. & Tregear, G. W.

Australian Research Council (ARC), BASS Medical Inc

1/01/05 → 31/12/07

Relaxin: molecular mechanisms of cardioprotection

Summers, R., Bathgate, R. A. D. & Samuel, C. S.
Australian Research Council (ARC), Corthera Inc
4/01/11 → 31/12/14

Replacement of Automated Nucleotide Sequencer Component of the Genomics and Related Technologies Centre

Coppel, R., Adler, B., Mitchell, C., Rood, J. & Summers, R.
Wellcome Trust
24/09/01 → 30/06/03

Request for a POLARstar Optima - Fluorescence Microplate Reader

Drummond, G., Ferrero, R., Ricardo, S., Summers, R. & Widdop, R.
Ramaciotti Australia Foundation
1/01/05 → 31/12/05

The Janus face of G Protein-Coupled Receptors: Implications for Disease Mechanisms and Opportunities for Drug Discovery

Sexton, P., Bunnett, N., Christopoulos, A. & Summers, R.
National Health and Medical Research Council (NHMRC) (Australia)
1/01/14 → 31/12/18

The Role of Central Adrenoceptor Subtypes in Control of Memory: Analysis Using Transgenic Mice

Gibbs, M. & Summers, R.
ANZ Executors and Trustee Company Ltd.
1/01/02 → 31/12/02

Understanding G Protein-coupled receptors (GPCRs): Accelerating discovery from concept to clinic

Sexton, P., Christopoulos, A. & Summers, R.
National Health and Medical Research Council (NHMRC) (Australia)
1/01/09 → 31/12/13

Understanding cell signalling mechanisms activated by relaxin family peptides: targets with therapeutic potential.

Summers, R. & Bathgate, R.
National Health and Medical Research Council (NHMRC) (Australia)
2/01/07 → 31/12/08

Understanding the mechanisms used by G-protein coupled receptors to regulate insulin-independent glucose transport

Hutchinson, D. & Summers, R.
National Health and Medical Research Council (NHMRC) (Australia)
2/01/08 → 31/12/10