JOURNAL OF ENDOCRINOLOGY

PHYSIOLOGY, METABOLISM AND TRANSLATION

AUGUST 2015 VOLUME 226 NUMBER 2

ISSN 0022-0795 (PRINT) ISSN 1479-6805 (ONLINE)

CONTENTS

http://joe.endocrinology-journals.org



The images depict: (I) a portrait of Geoffrey Wingfield Harris; (r) double immunofluorescence against beta-catenin (green) and growth hormone (red), magnification 400×.

Credit: (I) Geoffrey Wingfield Harris, courtesy Bassano Ltd, National Portrait Gallery, UK NPG X172149. Copyright National Portrait Gallery, London; (r) reproduced, with permission, from Gaston-Massuet C, Andoniadou CL, Signore M, Jayakody SA, Charolidi N, Kyeyune R, Vernay B, Jacques TS, Taketo MM, Le Tissier P, et al. (2011) Increased Wingless (Wnt) signaling in pituitary progenitor/stem cells gives rise to pituitary tumors in mice and humans. PNAS 108 11482-11487.

EDITORIAL

60 YEARS OF NEUROENDOCRINOLOGY: Celebrating 60 years of neuroendocrinology

Ashley Grossman

60 YEARS OF NEUROENDOCRINOLOGY: Celebrating the brain's other output-input system and the monograph that defined neuroendocrinology

Clive W Coen

60 YEARS OF NEUROENDOCRINOLOGY: MEMOIR: working in the 'Huts' with the professor: the first Maudsley years

Seymour Reichlin

E3-E6

E7-E11

THEMATIC REVIEWS

60 YEARS OF NEUROENDOCRINOLOGY: MEMOIR: Geoffrey Harris and my brush with his unit

Geoffrey Raisman

T1-T11

60 YEARS OF NEUROENDOCRINOLOGY: MEMOIR: Harris' neuroendocrine revolution: of portal vessels and self-priming

George Fink

T13-T24

60 YEARS OF NEUROENDOCRINOLOGY: The structure of the neuroendocrine hypothalamus: the neuroanatomical legacy of Geoffrey Harris

Alan G Watts

T25-T39

60 YEARS OF NEUROENDOCRINOLOGY: The hypothalamopituitary-gonadal axis

Tony M Plant

T41-T54

CONTENTS

insights from mathematical, experimental and clinical studies Francesca Spiga, Jamie J Walker, Rita Gupta, John R Terry & Stafford L Lightman	T55-T66
60 YEARS OF NEUROENDOCRINOLOGY: Redefining neuroendocrinology: stress, sex and cognitive and	
emotional regulation Bruce S McEwen, Jason D Gray & Carla Nasca	T67-T83
60 YEARS OF NEUROENDOCRINOLOGY: TRH, the first hypophysiotropic releasing hormone isolated: control of the pituitary-thyroid axis	
Patricia Joseph-Bravo, Lorraine Jaimes-Hoy, Rosa María Uribe & Jean-Louis Charli	T85-T100
60 YEARS OF NEUROENDOCRINOLOGY: The hypothalamo-prolactin	
David R Grattan	T101-T122
60 YEARS OF NEUROENDOCRINOLOGY: The hypothalamo-GH axis: the past 60 years P G Murray, C E Higham & P E Clayton	T123-T140
60 YEARS OF NEUROENDOCRINOLOGY: Acromegaly Cristina Capatina & John A H Wass	T141-T160
60 YEARS OF NEUROENDOCRINOLOGY: Biology of human craniopharyngioma: lessons from mouse models Juan Pedro Martinez-Barbera	T161-T172
60 YEARS OF NEUROENDOCRINOLOGY: The posterior pituitary, from Geoffrey Harris to our present understanding Gareth Leng, Rafael Pineda, Nancy Sabatier & Mike Ludwig	T173-T185

THEMATIC RESEARCH

Dipeptidyl peptidase 4 inhibitor improves brain insulin sensitivity, but fails to prevent cognitive impairment in orchiectomy obese rats Hiranya Pintana, Wanpitak Pongkan, Wasana Pratchayasakul,

Hiranya Pintana, Wanpitak Pongkan, Wasana Pratchayasakul, Nipon Chattipakorn & Siriporn C Chattipakorn M1-M11

Hippocampal spine changes across the sleep-wake cycle: corticosterone and kinases

Muneki Ikeda, Yasushi Hojo, Yoshimasa Komatsuzaki, Masahiro Okamoto, Asami Kato, Taishi Takeda & Suguru Kawato

M13-M27

CONTENTS

RESEARCH

Effects of GnRH immunization on the reproductive axis and thymulin Shiping Su, Xiaoxia Sun, Xiuhong Zhou, Fuigui Fang & Yunsheng Li

93-102

Chronic cortisol and the regulation of food intake and the endocrine growth axis in rainbow trout

Barry N Madison, Sara Tavakoli, Sarah Kramer & Nicholas J Bernier

103-119