

## CONTENTS

VOLUME 23 NUMBER 11

ISSN 1351-0088 (PRINT)  
ISSN 1479-6821 (ONLINE)

### COMMENTARY

Modeling estrogen receptor-positive breast cancers in mice: is it the best we can do?  
*Ioulia Chatzistamou & Hippokratīs Kiarīs*

C9-C12

### REVIEWS

Application of molecular biology of differentiated thyroid cancer for clinical prognostication

*Vincenzo Marotta, Concetta Sciammarella, Annamaria Colao & Antongiulio Faggiano*

R485-R501

Plasma membrane ion channels and epithelial to mesenchymal transition in cancer cells

*Iman Azimi & Gregory R Monteith*

R503-R511

Combination therapy approaches to target insulin-like growth factor receptor signaling in breast cancer

*Aleksandra M Ochnik & Robert C Baxter*

R513-R536

### RESEARCH

E2F1-mediated human POMC expression in ectopic Cushing's syndrome

*Takako Araki, Ning-Ai Liu, Yukiko Tone, Daniel Cuevas-Ramos, Roy Heltsley, Masahide Tone & Shlomo Melmed*

857-870

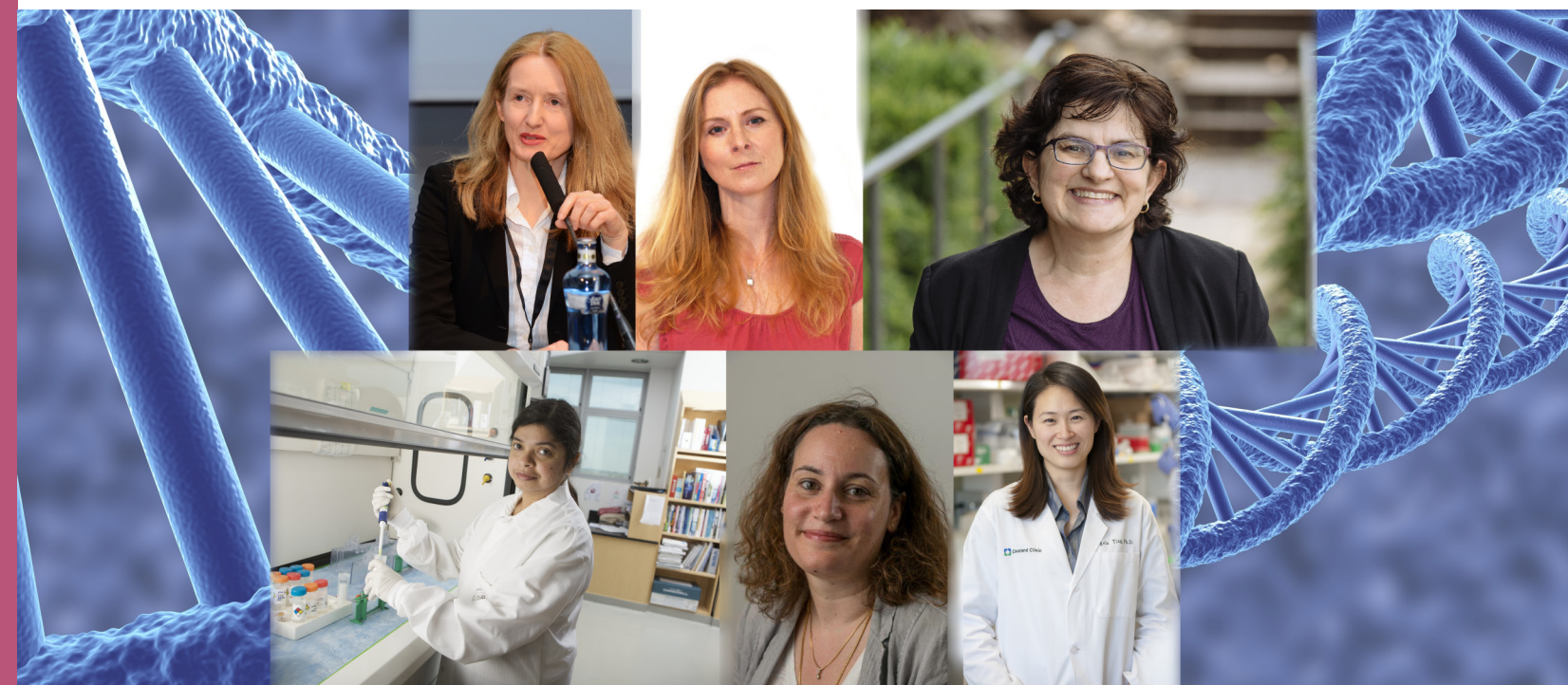
T2-weighted MRI signal predicts hormone and tumor responses to somatostatin analogs in acromegaly

*Iulia Potorac, Patrick Petrossians, Adrian F Daly, Orsalia Alexopoulou, Sophie Borot, Mona Sahnoun-Fathallah, Frederic Castinetti, France Devuyst, Marie-Lise Jaffrain-Rea, Claire Briet, Florina Luca, Marion Lapoirie, Flavius Zoicas, Isabelle Simoneau, Alpha M Diallo, Ammar Muhammad, Fahrettin Kelestimir, Elena Nazzari, Rogelio Garcia Centeno, Susan M Webb, Marie-Laure Nunes, Vaclav Hana, Véronique Pascal-Vigneron, Irena Ilovayskaya, Farida Nasybullina, Samia Achir, Diego Ferone, Sebastian J C M M Neggers, Brigitte Delemer, Jean-Michel Petit, Christof Schöfl, Gerald Raverot, Bernard Goichot, Patrice Rodien, Bernard Corvilain, Thierry Brue, Franck Schillo, Luaba Tshibanda, Dominique Maiter, Jean-François Bonneville & Albert Beckers*

871-881

ENDOCRINE-RELATED CANCER

PAGES E1-E3, T1-T84, R437-R498, 783-856, L29-L36



VOL 23 NUMBER 11

# ENDOCRINE-RELATED CANCER

HORMONES AND CANCER:  
FROM RESEARCH TO THERAPIES

CELEBRATING WOMEN IN CANCER RESEARCH



1351-0088(201611)23:11;1-#



www.bioscientifica.com



published by  
bioscientifica

The Society for Endocrinology is one of the world's leading authorities on hormones.

Established in 1946, the Society's aims are to support the advancement of scientific and clinical knowledge and increase research in endocrinology for the public benefit. It also plays a vital role in promoting and supporting endocrinology worldwide.

The Society for Endocrinology offers a range of journals including *Journal of Endocrinology*, *Journal of Molecular Endocrinology*, *Endocrine-Related Cancer*, *Endocrine Connections* (open access) and *Clinical Endocrinology*.

For more information visit [www.endocrinology.org](http://www.endocrinology.org)

## COVER ART COMPETITION



Readers are invited to submit their endocrinology images for entry into the *Endocrine-Related Cancer* cover art competition. Winners will be selected by the Editor-in-Chief and will have their imagery featured on the cover of an issue of *Endocrine-Related Cancer*, both in print and online. Winners will be cited in the journal and will receive a professionally printed copy of the journal cover featuring their scientific image.

To enter the competition please email your images to [erc@endocrinology.org](mailto:erc@endocrinology.org) accompanied with a short caption of 25-30 words explaining what the image depicts, its magnification and who should be acknowledged for its production. Images should be of high quality and resolution of at least 300 dpi at the final published size 220 mm (W) × 100 mm (H).

By submitting an image you warrant that you own the copyright and agree that images may be used in promotional material. Images not selected for use may still be used by the Society for Endocrinology and Bioscientifica for promotional purposes.

---

## THIS ISSUE'S COVER

The images depict the principal authors of this special issue of *Endocrine-Related Cancer* on Celebrating Women in Cancer Research: (top, left to right) Marianne E Pavel; Charlotte L Bevan; Carmela Ricciardelli; (bottom, left to right) Paramita M Ghosh; Kristien Boelaert; Angela H Ting.