

Secretin
Gastrin
Oxytocin
Insulin
Glucagon
CCK
Vasopressin
ACTH
Substance-P
NKB
Serotonin
Corticotropin
IGF-1 and -2
Calcitonin
PP
VIP
GIP
GRP
Somatostatin
Neurotensin
Bombesin
TRH
Enkephalins
Endorphin
Prolactin
Motilin
MSH
GnRH

CGRP
PYY
NPY
TGF α and β
EGF
Endothelin
GLP-1 and -2
CRH
GHRH
Galanin
BDNF
Amylin/CGRP
Neuromedin U
BNP/CNP
ANP
Apelin
TFFs
Adrenomedullin
NKs
Neurokin A and B
PACAP
Leptin

CART
Adiponectin
Apelin
Orexin
MCH
Adrenomedullin
Ghrelin
Nesfatin-1
Kisspeptins
MIF-1/Tyr-MIF-1
Neuropeptide B/W
Neuromedins U/S
Neuropeptide S

~1,500 novel neuropeptides
>550 peptidomics-based novel neuropeptides

1902-1975

1976-1994

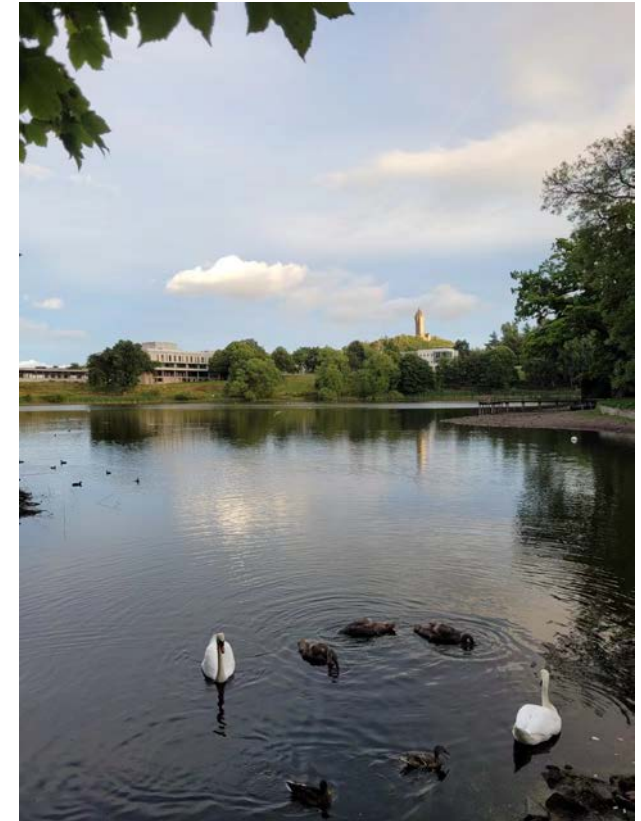
1995-2021

International Symposium of
Gastrointestinal Hormones

International Symposium
on Regulatory Peptides

1st Asilomar (USA, 1976)
2nd Beito (Norway, 1978)
3rd Cambridge (UK, 1980)
4th Stockholm (Sweden, 1982)
5th Rochester (USA, 1984)
6th Vancouver (Canada, 1986)
7th Shizuoka (Japan, 1988)
8th Timmerndorfer Strand (Germany, 1990)
9th Leuven (Belgium 1992)
10th Santa Barbara (USA, 1994)

11th Copenhagen (Denmark, 1996)
12th Mackinac Island (USA, 1998)
13th Cairns (Australia, 2000)
14th Boston (USA, 2002)
15th Toulouse (France, 2004)
16th Hakone (Japan, 2006)
17th Santa Bárbara (USA, 2009)
18th Belfast (Ireland, 2010)
19th Copenhagen (Denmark, 2012)
20th Kyoto (Japan, 2014)
21st Rouen (France, 2016)
22nd Acapulco (Mexico, 2018)
23rd Acapulco (Mexico, 2021)



24th International Symposium on Regulatory peptides

RegPep24

University of Stirling
Stirling, Scotland, August 1-5, 2022







Viktor Mutt lecture delivered by Professor Xiao-Ke Chen, Stanford University

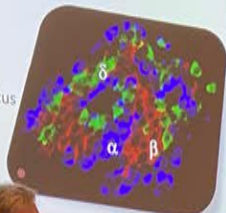


An islet viewpoint

Pancreatic islets (1 million islets, 1 g of tissue)
60% β -cells (insulin)
35% α -cells (glucagon)
5% δ -cells (somatostatin)

Paracrine cross-talk

- Current diabetes therapies focus on insulin secretion/action
- Diabetes affects function of all islet cell types



Inaugural plenary lecture
Professor Patrik Rorsman, Oxford University

Music Postlude: Mtro. Carlos Egry









Data Blitz presentations for junior researchers





Conference dinner

River House, Stirling



... see you again in RegPep25, 2024