

ECE 2022 Focus Areas

Adrenal and Cardiovascular Endocrinology

Definition: relating to the (patho)physiology of the adrenal gland, or focusing on cardiovascular risk factors and outcomes.

Examples:

- adrenal insufficiency
- adrenal hyperfunction
- congenital adrenal hyperplasia
- adrenal hyperandrogenism
- adrenal medullar hyperfunction
- hypertension
- atherosclerosis
- coronary artery morbidity and mortality
- etc.

Calcium and Bone

Definition: relating to the (patho)physiology of calcium and bone homeostasis.

Examples:

- hypoparathyroidism
- hyperparathyroidism
- disorders of the parathyroid glands
- bone and mineral disorders
- osteoporosis
- vitamin D metabolism
- etc.

Diabetes, Obesity, Metabolism and Nutrition

Definition: relating to the (patho)physiology of diabetes, obesity and metabolism.

Examples:

- type 1 diabetes
- type 2 diabetes
- gestational diabetes
- maturity onset diabetes of the young (MODY)
- pre-diabetes
- malnutrition-related diabetes mellitus
- hypoglycaemic disorders
- disorders of pancreatic internal secretion
- nutrition disorders
- obesity
- adipose tissue
- lipid disorders
- atherogenic dyslipidemia
- malignant insulinoma
- etc.



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Endocrine-related Cancer

Definition: relating to the (patho)physiology of hormone-dependent cancers/tumours and distinct cancers that are driven by hormones.

Examples:

- breast cancer
- prostate cancer
- pancreatic cancers/tumours
- neuroendocrine tumours
- parathyroid tumours
- testis and ovary tumours
- Multiple endocrine neoplasia
- pheochromocytomas and paragangliomas
- other hormone-dependent cancers/tumours
- endocrine-resistant cancer
- etc.

Environmental Endocrinology

Definition: relating to endocrine issues affected by the environment (for example; pollutants), and with an impact on society (for example; disease epidemiology) and governance (for example; advocacy/policy).

Examples:

- endocrine disrupting chemicals
- disease epidemiology
- advocacy
- lobbying and policy
- etc.

Pituitary and Neuroendocrinology

Definition: relating to the (patho)physiology of the pituitary gland as well as disorders of the neuroendocrine system.

Examples:

- hyperfunction of the pituitary gland
- hypofunction (and other disorders) of the pituitary gland
- Cushing's disease/syndrome
- growth hormone
- pulmonary neuroendocrine tumours
- extra-pulmonary small cell carcinomas (ESCC or EPSCC)
- gastroenteropancreatic neuroendocrine tumours (GEP-NET)
- Merkel cell carcinoma of skin
- etc.



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Reproductive and Developmental Endocrinology

Definition: relating to the (patho)physiology of the reproductive system.

Examples:

- infertility
- clinical evaluation of the menstrual cycle
- disorders of sexual development
- intersex disorders
- sex hormone disorders
- ovarian dysfunction
- testicular dysfunction
- etc.

Thyroid

Definition: relating to the (patho)physiology of the thyroid.

Examples:

- nontoxic goitre
- hyperthyroidism
- hypothyroidism
- thyroiditis
- thyroid hormone resistance
- drug-thyroid interactions
- evaluation and treatment of thyrotoxicosis
- non-thyroidal illness syndrome
- thyroid disease in pregnancy
- thyroid nodules
- disorders of iodine-deficiency
- etc.

