2020/1 - PHAP5002Y CHEMISTRY FOR DRUG DISCOVERY

Full Year, Level 5 module
(Maximum 100 Students)
UCU: 30 Organiser: Dr Zoe Waller
(UG) MODULE - 40% PASS ON AGGREGATE
Module Type: Coursework
Timetable Slot: U

This module aims to extend your knowledge of organic chemistry reactions and mechanisms and their application in drug design and discovery. You will be introduced to analytical and purification techniques used to monitor reactions and assess drug purity. Through case studies, practical laboratory sessions and lectures by speakers from the pharmaceutical industry, you will evaluate and apply your knowledge to real-life examples.

2020/1 - PHAP5009Y APPLIED IMMUNOLOGY AND INFECTIOUS DISEASES

Full Year, Level 5 module
(Maximum 18 Students)
UCU: 20 Organiser: Dr Christopher Hamilton
(UG) MODULE - 40% PASS ON AGGREGATE
Module Type: Examination with Coursework or Project
Timetable Slot: U
Exam Paper (hrs): 2 Exam Period: SPR-02

How does the immune system work? This module will answer that question and provide an introduction to inflammatory and infectious diseases. Exploring these topics in detail, you will gain in depth knowledge of the aetiology and pathophysiology of common inflammatory diseases, as well as the pharmacology and medicinal chemistry of associated therapeutic interventions. You will also explore the treatment options and prevention strategies for infectious diseases.

2020/1 - PHAP5010Y GASTROINTESTINAL DISEASES AND CANCER

Full Year, Level 5 module
(Maximum 30 Students)
UCU: 20 Organiser: Dr Anastasia Sobolewski
(UG) MODULE - 40% PASS ON AGGREGATE
Module Type: Examination with Coursework or Project
Timetable Slot: U
Exam Period: SPR-02

This module will provide you with a detailed knowledge of gastrointestinal diseases and cancer. It covers the physiology of the gastrointestinal tract, the basic biology of cancer and the aetiology and pathophysiology of common gastrointestinal diseases and cancers.
Conventional therapeutic interventions will be discussed, alongside innovative approaches and novel delivery systems. The role of natural products in these diseases will be highlighted.

2020/1 - PHAP5011Y CARDIOVASCULAR AND RENAL DISEASES

Full Year, Level 5 module
(Maximum 30 Students)

CU: 20  Organiser: Dr Derek Warren

(U) MODULE - 40% PASS ON AGGREGATE
Module Type: Examination with Coursework or Project
Timetable Slot: U
Exam Paper(hrs): 2  Exam Period: SPR-02

Do you want to build upon your knowledge of pharmacology and peripheral nervous system modules and learn about the physiology of the heart, vascular system and kidney? This module will provide you with a detailed knowledge of the aetiology and pathophysiology of common cardiovascular, cerebrovascular and renal diseases and the pharmacology of associated treatments.

2020/1 - PHAP5012Y NEUROPHARMACOLOGY - CENTRAL NERVOUS SYSTEM

Full Year, Level 5 module
(Maximum 25 Students)

CU: 30  Organiser: Dr Julie Sanderson

(U) MODULE - 40% PASS ON AGGREGATE
Module Type: Examination with Coursework or Project
Timetable Slot: U
Exam Paper(hrs): 2  Exam Period: SPR-02

This module focuses on the pathophysiology, pharmacology, medicinal chemistry and treatment of common diseases of the central nervous system (including psychiatric disorders).