University of Pretoria Yearbook 2020

Cellular and developmental physiology 330 (FLG 330)

Qualification	Undergraduate
Faculty	Faculty of Health Sciences
Module credits	18.00
Programmes	BSc Biochemistry
	BSc Human Genetics
	BSc Human Physiology
	BSc Medical Sciences
Service modules	Faculty of Natural and Agricultural Sciences
Prerequisites	BCM 251 GS, BCM 252 GS, BCM 261 GS, FLG 221 GS and FLG 222 GS
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Physiology
Period of presentation	Semester 1

Module content

During this module the biology of cellular processes such as the cell cycle, cell death, migration and their related cellular signalling pathways will be discussed as well as their role in early stage embryology and age-related pathologies. Practical work: Exposure to applied molecular biology techniques with specific examples drawn from South African case studies taught within the framework of the UN Sustainable Development Goal of Good Health and Well-being (Sustainable Development Goal 3).