COURSE DETAIL

CARDIO-METABOLIC DISEASES IN GLOBAL POPULATIONS
Country Denmark
Host Institution University of Copenhagen
Program(s) University of Copenhagen
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Health Sciences
UCEAP Course Number 139
UCEAP Course Suffix
UCEAP Official Title CARDIO-METABOLIC DISEASES IN GLOBAL POPULATIONS
UCEAP Transcript Title CARDIOMETBLC DISEAS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course explores to which degree chronic diseases emerge in different populations on a global level. The main emphasis is on diabetes, hypertension, heart disease, and obesity. The course provides the participants with a definition of the concept of ethnicity/race followed by investigations in different populations globally in order to show if and why chronic diseases are more prevalent in specific populations. In this field, studies in Europeans (Caucasians) are mainly used as a reference. Different questions are addressed such as: are there biological differences between ethnic populations? Are the WHO definitions of for example overweight applicable in all populations? Do changes in lifestyle have the same effect in all populations? The concepts of fetal programming and the metabolic syndrome are defined and discussed. Furthermore, the course makes an attempt to look ahead and give a qualified guess with regards to the association between disease and susceptibility due to genetic admixture as a result of migration and urbanization on a worldwide scale. Finally, the course addresses the association between chronic and communicable diseases, which is highly prevalent in developing countries.

Language(s) of Instruction
English

Host Institution Course Number
SGLK19001U

Host Institution Course Title
CARDIO-METABOLIC DISEASES IN GLOBAL POPULATIONS

Host Institution Course Details

Host Institution Campus
Health and Medical Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department

Public Health

Course Last Reviewed

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