

Wahlfachangebot Klinik

Wahlfachbezeichnung

Sick individuals, sick populations - the strategy of preventive medicine.

Stoffgebiet

Epidemiologie

Institut / Klinik

Pädiatrische Epidemiologie, Klinik und Poliklinik für Kinder- und Jugendmedizin

Durchführende

Prof. Dr. med. Jon Genuneit

Kurzbeschreibung

In this elective course, we are going to read and discuss the seminal book "The Strategy of Preventive Medicine" by Geoffrey Rose.

The book is in English, discussions will be both in English and German.

Rose's insights into the inextricable relationship between ill health in individuals and in the populations they come from, have transformed our whole approach to strategies for improving health. His book sets out the case that the essential determinants of the health of society are to be found in its mass characteristics. The deviant (or sick) minority can only be understood when seen in its societal context, and effective prevention requires changes which involve the population as a whole.

In this course, we will explore the options for prevention of disease illustrated by practical examples. We will consider them from various viewpoints ? theoretical and scientific, sociological and political, practical, and ethical. We will clarify the often confused thinking and arguments about determinants of individual cases and determinants of population incidence and thus determine the population perspective. One further aim is to bring this classic text, published in 1993, into the context of a new generation; new perspectives include the relevance of Rose's ideas following the era of the human genome project and regarding personalized medicine.

Form

Kleingruppe / Unterricht am Krankenbett

Termine und Ort

Präsenzzeiten:

21.8.23 10:00-12:30

22./23./24./28./29./30.8.23 je 10:15-11:45

31.8.23 10:00-12:45

Zusätzlich an allen Tagen ca. 2 Stunden Hausarbeit (vorwiegend Lesen) - am 31.8.23
mündliche Gruppenprüfung

Prüfungsmodalitäten

mündlich

Anzahl Gruppen

1 x 6

Ansprechpartner im Fach

Prof. Dr. med. Jon Genuneit

Pädiatrische Epidemiologie

Klinik und Poliklinik für Kinder- und Jugendmedizin

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Lehrinhalte

In this elective course, we are going to read and discuss the seminal book "The Strategy of Preventive Medicine" by Geoffrey Rose.

The book is in English, discussions will be both in English and German.

Coursework includes group work on the text as well as individual presentation of ideas derived from the text.

The teaching aims are

- to explore the options for prevention of disease illustrated by practical examples
- to consider these options from various viewpoints (theoretical and scientific, sociological and political, practical, and ethical)
- to clarify the often confused thinking and arguments about determinants of individual cases and determinants of population incidence
- to determine the population perspective
- to translate Roses ideas into the context of the era of personalized medicine

Lernziele

At the end of this course, students should be able to

- understand preventive medicine

- define and discern the high-risk and the population approach to prevention
- apprehend the population perspective of health
- know different viewpoints of and arguments for preventive medicine (e.g. economic, medical, ethical)
- apply the strategy of preventive medicine to problems of unhealthy lifestyle and resulting civilization diseases
- read an English textbook or scientific article