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Prevention and Cancer Control.

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INTRODUCTION

Cancer has become one of the most disease burden worldwide. Total cancer incidence rate is highest in industrialised societies, mainly due to a high incidence of smoking associated tumours and Western lifestyle. However more than a half of new cancer cases arise in developing countries, and this trend is increasing. Cancer is therefore, one of the main Public Health priorities over the World. The great geographical variation on the incidence rates of most frequent tumours and the large evidence from etiological studies, show the influence of distinct causative environmental and lifestyle factors. Thus, cancer is largely a preventable disease. Strategies for cancer control requires a deep scientific knowledge of the specific causal factors of cancer and the available most effective approach for the prevention of cancer. The aims of the course is to give an up to date overview on the frequency and distribution of cancer and their risk factors, as well as on cancer prevention, including screening programmes for early diagnosis.

INFORMATION

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Mon & Wed 13:30—20:30 Tue, Thu & Fri 09:00—16:00

CANCER EPIDEMIOLOGY

3rd Edition

From 11th May to
26th May 2006

Course from the
PUBLIC HEALTH MASTER



Departamento de
Ciencias Experimentales y de la Salud
Universitat Pompeu Fabra



With the collaboration of:



COORDINATION

Carlos A. González & Josep M^a Borràs

EDUCATIONAL OBJECTIVES

1. To know the frequency and the geographical and demographic distribution of main tumours.
2. To know and identify the most important risk factors.
3. To identify genetic susceptibility factors related to environmental exposures and their interactions.
4. To know the principles, techniques and methods for the primary prevention of cancer and of screening programmes for early diagnosis at the community.

ADDRESSED TO

Students in the Public Health Master, preventive medicine, doctors and nurses of oncology care and primary care and other professionals.

At the end of the course student will receive a certificate of assistance.

SCHEDULE

The course has 30 educational hours.

From 11th May to 23th May, the timetable will be from 15:00 to 19:00 hrs. On 24th May the timetable will be from 17:00 to 19:00 hrs.

EXAM: 26th May 2006

TOPICS

- Topic 1** Incidence, mortality, prevalence and survival. Geographical distribution by age and sex for the main tumours. Time-trends.
- Topic 2** Cancer Registries. Classification and Registry systems. Population and Hospital based registries
- Topic 3** Lifestyle, environmental factors and the risk of cancer. Obesity, physical activity, physical and chemical carcinogens.
- Topic 4** Active and passive exposure to tobacco smoking and the risk of cancer. Tobacco control. Biological markers of exposure and metabolic enzymes.
- Topic 5** Diet, nutrition and cancer. Diet advice for cancer prevention. Interactions with genetic susceptibility.
- Topic 6** Chronic infections and risk of cancer. Virus and bacterial infections associated with cancer. Strategies for control (vaccination) *Helicobacter pylori* and gastric cancer risk
- Topic 7** Molecular and genetic basis of cancer.
- Topic 8** Methodological and organizing basis of cancer screening programmes.
- Topic 9** Screening programmes of colo-rectal cancer, prostate cancer and skin. Early detection of ovarian cancer.
- Topic 10** Epidemiology of HPV and risk of cancer. Control and primary prevention of cervical cancer (vaccines).
- Topic 11** Control and prevention of breast cancer.
- Topic 12** Screening of breast cancer.

PLACE

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(Metro Barceloneta o Ciutadella (Line 4))

INSCRIPTION

To register it is necessary to contact first to the Master Secretary.

Please see details in INFORMATION section.

The period of inscription is:

From March 20th to April 27th 2006

PRICE

Price: 324 €



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