

Course information

Basic course in oncology

2 – day course

This course will give you an introduction to tumor biology together with overviews on risk factors, diagnosis and treatment of common cancer types.

Purpose and goal

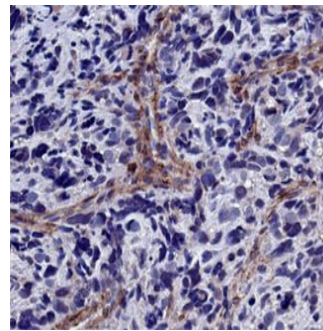
The work and activities of pharmaceutical companies in the oncology area comprise the efforts and expertise also of co-workers who are not specialized in oncological fields.

The goal of this course is to provide these persons with a scientifically based introduction to tumor biology together with presentations on diagnosis and treatment of common cancer types

Target group

Employees at pharmaceutical companies in the oncology area who are not specialized in oncology areas but who wish to learn more about cancer diseases and cancer cells, diagnosis and treatment. Participants can thus include technology specialists as well as administrative personnel.

Gymnasium/high school level biology and chemistry is recommended.



Microscopy image of a tumour sample. The blue stain indicates cell nuclei. The brown stain in many cells indicates that they express a particular protein of interest.

Course management

Prof. Arne Östman, PhD

Ass. Prof Maria Shoshan, PhD

Lectures will be given by basic and clinical researchers with special expertise regarding tumour biology and clinical aspects of different tumour types.

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Course content and outline

The course is based on lectures in an interactive atmosphere with ample opportunities for questions and discussion. Handouts from each lecture are provided. The course is given in English.

The course starts with a general introduction to the properties of cancer cells and tumour biology. Specific lectures will thereafter follow on melanoma, breast cancer, colorectal cancer, prostate cancer and lung cancer.

Lectures will discuss;

- risk factors, incidence and prognosis for the different tumour types
- drug-based treatment of early and late stages of disease
- the use of surgery and radiation therapy
- recent developments in the fields of screening, early diagnosis and prevention

The most interesting ongoing international trials will be highlighted and some examples of ongoing clinical and translational cancer research at Karolinska Institutet will be presented.

Quote from previous participant

"I have only praise to give for this course. I believe that everyone who works within oncology on a pharmaceutical company, regardless of function, should participate in this course!"

Fredrik Eisner, Senior PRA Manager Sweden, Eli Lily Sweden.

When and where

Please contact us for more information.

Fee and application

Please contact us for more information.

For more information, please contact

Susanna Sjunneryd, project coordinator

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Karolinska Institutet is one of the world's leading medical universities. Its mission is to contribute to the improvement of human health through research and education. Karolinska Institutet accounts for over 40 per cent of the medical academic research conducted in Sweden and offers the country's broadest range of education in medicine and health sciences. Since 1901 the Nobel Assembly at Karolinska Institutet has selected the Nobel laureates in Physiology or Medicine.

Karolinska Institutet Contract Education delivers competence development for municipalities, governments and businesses and works for development in healthcare and a healthier society.