

## Karolinska Institutet – a medical university

Karolinska Institutet is one of Europe's largest medical universities. It is also Sweden's largest centre for medical education and research, accounting for 40 per cent of the academic medical research carried out in Sweden. KI's vision is to be Europe's leading medical university in the next five years.

The majority of the budget of around 3,7 billion Swedish kronor is spent on research. By placing the emphasis on research, Karolinska Institutet makes sure that it attracts a new generation of researchers. The research training offers students and postgraduate students opportunities to take part in advanced research under the supervision of established researchers.

Research at Karolinska Institutet is of the highest international standard within a range of important fields. The research covers all of medicine from public health and nursing sciences to research into human genomics using advanced technological methods. In recent years particular success has been achieved in fundamental cell biology, including research into neural stem cells and the early development of the nervous system; diabetes research; research into several forms of cancer; asthma and allergy research; genomics; and epidemiology.

Karolinska Institutet sets a high priority on quality and flexibility; in undergraduate teaching, postgraduate education and in research. Other areas given a high priority are ethics, equality, and relationships with the world around.

Karolinska Institutet collaborates internationally and nationally with healthcare and medical institutes, industry and other universities. The university has comprehensive international exchange programs. Hundreds of researchers come to Karolinska Institutet every year as guest researchers, a cooperation that contributes to a creative research climate at KI.



*The university president, professor Harriet Wallberg-Henriksson, is ranked as one of the most influential persons within Swedish medical science and health care.*

### The Nobel Prize

Awarding the prestigious Nobel Prize in Physiology or Medicine since 1901 has given Karolinska Institutet an invaluable contact network and a unique survey of medical research results the world over. The selection of the Prize laureates is made by the Karolinska Institutet Nobel Assembly, which consists of fifty elected members who are professors at the Karolinska Institutet.

Over the years five researchers from Karolinska Institutet have been awarded the Nobel Prize in Physiology or Medicine.