

# Research

## POTENTIAL FOR MEDICAL CARE

The University's research activities are carried out in close collaboration with the clinical Departments, placing emphasis on their applicative potential.

Teamwork between the Faculties of Medicine and Engineering supports research projects designed to create new technologies in the biomedical sector.

## ORGANISATION

The Integrated Research Centre (CIR) sets the overall objectives, verifies programmes, promotes coordination among various operative groups, with the aim of optimising investments.

## RESEARCH AREAS

- 1) Physiopathology of ageing and related illnesses
- 2) Neurosciences
- 3) Physiopathology of metabolism and of nutrition
- 4) Oncological sciences
- 5) Clinical and health research
- 6) Innovative technologies and mathematical models in medicine
- 7) Information & communication technology for medicine
- 8) Anthropology, applied ethics in science and didactic research
- 9) Advanced concept team (the most innovative and original projects by young researchers)

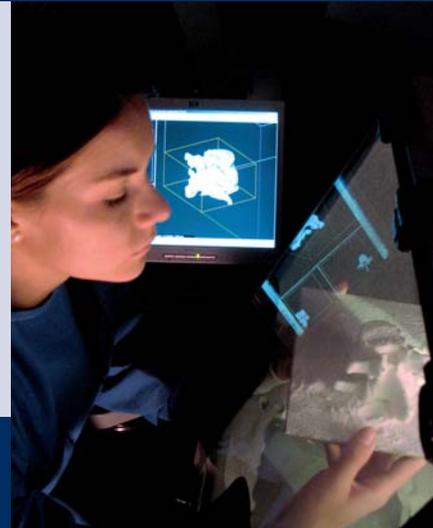
## INTERNATIONAL DIMENSION

Campus Bio-Medico has links with universities, research and clinical centres in several European and non-European Nations. In addition, it carries out university cooperation programmes with developing countries also through research projects.

## A CENTRE FOR RESEARCH

Inaugurated in 2008, the Centre for Advanced Research in Biomedicine and Bioengineering (PRABB) covers an area of 20,000 sqm. Its proximity to the University Hospital aids integration between clinical and research activities.

PRABB is currently equipped with 18 biomedical research laboratories and 10 bioengineering research laboratories. These numbers are destined to grow. When fully operational, PRABB will be able to accommodate 300 researchers. The centre has been developed with the support of Italian and European public funds.



Research programmes supporting clinical activities and the role of technology



Projects coordinated in 9 Research Areas



The Centre for Advanced Research in Biomedicine and Bioengineering