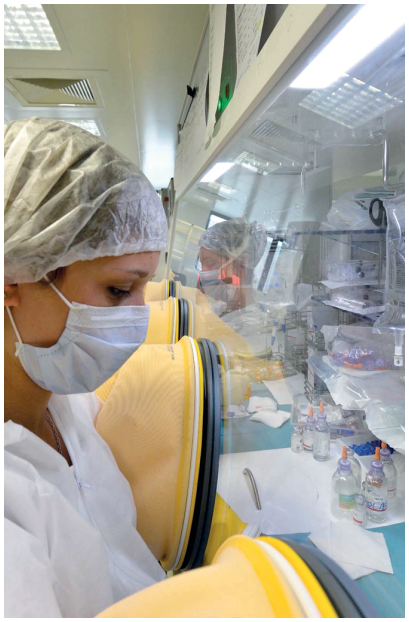
Led in close collaboration with the Toulouse III-Paul Sabatier University, Inserm and CNRS, research and innovation at the University Hospital of Toulouse are conducted by its doctors and researchers, accompanied by 420 people dedicated to this research activity on patients or healthy volunteers. In 2017 the CHU participated in 1,582 clinical research projects in partnership – 689 projects with industrial promotion and 893 projects with institutional promotion.

In addition, the CHU organizes its own clinical trials in order to conduct research in physiopathology, in the search for new biomarkers, and in the evaluation of organizations. The CHU develops its own innovations in the field of medical devices, new molecules or therapeutic targets. Thus the CHU is the promoter of more than 300 clinical trials that have enabled more than 4,000 patients to access innovative care.

In 2017, the University Hospital of Toulouse obtained the promotion of 9 programs funded by the Ministry of Health: 5 PHRC (clinical research hospital programs) and 4 PREPS (research program on the performance of the healthcare system). It also participates in 29 European and international projects funded by the European Commission through its various instruments.



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CHU teams are involved in several collaborative projects with regional start-ups and

SMEs that have been accompanied by the Medical Devices Evaluation Platform (EDIT). The CHU plans to develop a biopole at the Purpan sites to coordinate industrial, economic and hospital initiatives and skills to improve market access for medical devices.

The CHU is involved in 71 innovation development projects such as telemedicine projects, connected devices... The University Hospital of Toulouse develops collaborative projects using its 70 biological collections and sets of samples of the human body to develop new therapeutic targets. In 2017, €6.41 million in revenue have been awarded by the DGOS (Ministry of Health) for Hospital Clinical Research Projects (PHRC), Medical-Economic Research Projects (PRME) and Research Projects on the Performance of the Care System (PREPS).



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€13.46 million in revenue was obtained from industrial companies, Research Agencies or the European Commission to finance research projects (from key figures 2017-CHU Toulouse). Moreover the CHU also relies on its own funds for significant resources in direct support to its own medical researchers or investigators: resources for local tenders, help for young researchers, dedicated funding for university institutes with priority axes – Cardiomet, Preserv'Age, ITAC – and cancer. But it also supports the translation and writing of publications and the proposal of large complex projects.

The valorization of research and innovation is just as dynamic: the Toulouse

University Hospital is ranked fifth in the country for the number of unique agreements signed in the context of industrial clinical trials. It also totals 42 patents, 12 brands and 8 software packages to enhance the innovative activity of its researchers. Royalties resulting from the valorization of the CHU's research results are reinvested in new research projects. These are promising advances in the service of patients.

INSPIRE: an Institute for Prevention, Healthy Aging and Rejuvenative Medicine

Launched on December 4, 2018 with the support of the Occitania / Pyrenees-Mediterranean Region, INSPIRE aims to promote aging in good health according to the WHO definition: "the process of development and maintenance of functional capacities that allows the elderly to access well-being." This is a real imperative since 618 million people will be affected by dependence in 2050. The INSPIRE project, whose Prof. Bruno Vellas and Prof. Louis Casteilla are the Scientific Directors, is supported by the Toulouse III Paul Sabatier University, Inserm and the University Hospital Center in collaboration with the Regional Health Authority and local authorities.

The objective is to create, on the Langlade site in Toulouse, a biocampus centered on research, care and innovation which will bring together hospital, academic and industrial actors. This biocampus will bring together professionals around 3 axes: an approach of integrative biology of aging to identify biomarkers predictive of functional loss; a renewed preventive approach to research and care; and the digital transformation of research (smart environments and tele-health in order to detect the first functional losses of people living at home).

The project also provides for the creation of an international school and the development of a unique ecosystem of laboratories and companies. A silver economy valley in Toulouse!

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