



Creation : 2004



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Professor



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Assistant

A laboratory of
ideas and actions.



Objectives of the chair

Let's think about it... genomics, targeted therapies, cell engineering, tissue regeneration, medical imaging, surgical robotics, therapeutic vaccines, connected medical devices, etc. Up until now, medicine has never known such a large number of ground-breaking innovations being industrialised at an exponential rate. Progress in biotech and medtech raises great hope for patients to the extent that certain therapies are already able to target the causes of illnesses, not just the symptoms. But how do you make the most of them and make them available to greater numbers? Since its creation in 2004, the Chair of Therapeutic Innovation has pursued two objectives:

- 1. to train a new generation of decision-makers** in innovation management and to make them aware of the ethical challenges that are inherent in health systems;
- 2. to conduct research on** the industrial and societal impact of these innovations for the next decade.

Decidedly international, the chair selects around 20 proactive and creative students each year from every continent and every discipline. It fosters a pragmatic, action-oriented education, drawing on case studies, role-play, negotiating workshops, as well as team projects carried out in tandem with our partners. The chair also organises immersion visits within European biotech and medtech companies.

Research work

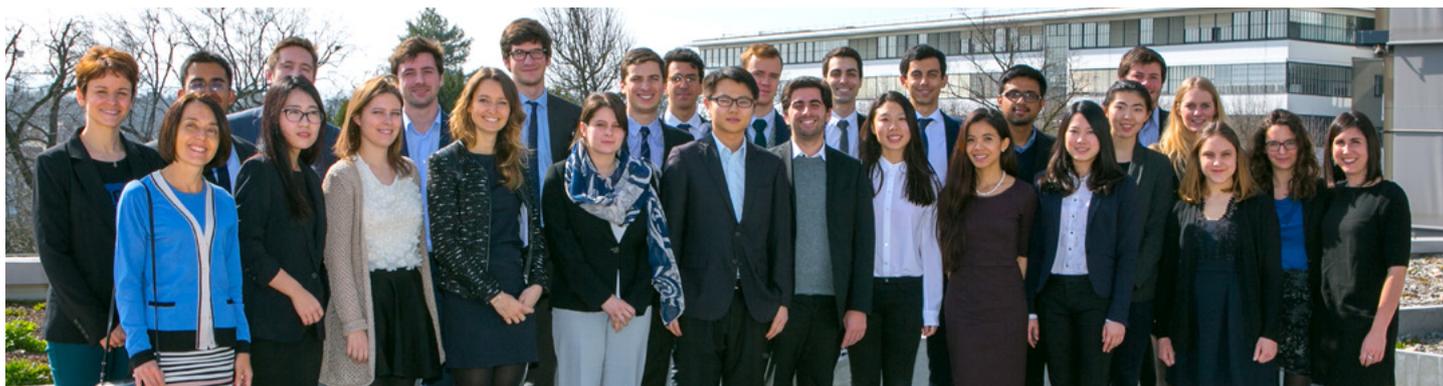
The chair develops its research along the lines of the societal and economic impact of biomedical innovations, particularly in the areas of genomics and stem-cell banks. It also conducts work on the creation of new quality indicators in terms of care standards. The publications are situated at the boundaries of disciplinary fields such as the industrial economy, the organisation of care pathways, medical economics and healthcare policies.

Our Partners



PHILIPS

SANOFI GENZYME 



Action-oriented education

At the boundaries of medication, medical devices and hospital facilities, the chair fosters a pragmatic, action-oriented education. It relies on real case studies, role-play and negotiating workshops co-hosted by the decision-makers directly involved in the case studies. At the end of the course, the participants are capable of implementing a project in a dynamic, entrepreneurial setting, of creating a strategic plan of action, of negotiating and persuading people.

Each year, the chair organises immersion visits to European industrial sites in order to discover what goes on behind the scenes of industry and the challenges it faces, from lab bench to production facilities. Team projects are carried out in tandem with the management of partner companies. Through the study of real problems and radically creative solutions, the chair's objective is "not filling a bucket, but lighting a fire".

Professional opportunities

Currently, around 300 graduates are working in around fifteen countries throughout the world. Two years after being part of the chair, half of them are working outside Europe, mainly in biotech, medtech or pharmaceutical companies. They occupy posts in public affairs, market access, international marketing, project management, business development, but also in finance, internal audit or sustainable development. Others work for hospital groups, consultancies, healthcare investment funds, NGOs, some start their own company or join international organisations such as the World Bank, WHO or ministries of health.

Duration of the chair curriculum	One term
Number of mandatory seminars	2 au T2
Credits	3 UV
Number of mandatory courses	1
Credits	1 UV
Total number of credits (UV) required for the Chair graduation	4 UV

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The chair's teaching programme

The educational activities of the chair take place from January to March, on Tuesdays (9am to 12 noon and 1.15pm to 4.15pm) and Thursdays (9am to 12 noon). Thursday afternoons (4.15pm to 7.15pm) are dedicated to the Chair's varied activities (coaching sessions, meetings...). That means students should be aware that they must be available and that they cannot register for another course during this time slot.

Chair trips to our partners' premises (Basel, Lyon, Netherlands) are organised on Tuesdays. Attendance is obligatory at all seminars or activities organised by the chair (HR days, trip days, awards ceremonies...). Unjustified absence and lateness will be penalised.

Chair students must pass:

- SANT 31427** Ethical Dilemma
- SANT 31425** Managing Therapeutic Innovation 1
- SANT 31429** Managing Therapeutic Innovation 2

Students must pass one of the following three courses:

- MGTE31361** Entrepreneurship
- MGTE31363** New Venture Design and Planning
- ECOI31261** Health Economics

