



### COURSE DATES

July 2 - 11, 2018

### ONLINE COURSE INFORMATION & REGISTRATION

[www.ibd4health.eu](http://www.ibd4health.eu)

### SCHOOL COORDINATOR

Prof. Philippe SABATIER,  
Université Grenoble Alpes, France

### LOCATION - ON SITE COORDINATION

European Scientific Institute  
Greater Geneva (Archamps, France)

[www.esi-archamps.eu](http://www.esi-archamps.eu)

Email enquiries:

[biohc@esi-archamps.eu](mailto:biohc@esi-archamps.eu)

### APPLYING TO IBD4HEALTH

Registration: 600€ (including tuition,  
lunch, dinner and social activities).

Credits: 6 ECTS awarded by  
Université Grenoble Alpes

Minimum B2 English level

Limited to 30 participants

## BIG DATA FOR HEALTH: GOLD MINE OR MIRAGE?

In the world of innovation for health, big data remains a hot topic. Hundreds of articles have been published announcing an imminent health-care revolution. As chronic disease prevalence increases year on year, the stakes have never been higher.

But the revolution has yet to materialise. Indeed, what evidence is there that big data actually brings real benefits to healthcare systems and patient outcomes? As health-related apps proliferate, so do the questions regarding their utility. Is the data collected fit for purpose? Who owns the data – the patient or the company making the app? Have ethical considerations been sufficiently thought through? What about patient consent and anonymity? Security? Are health care agencies and the medical profession ready and willing to embrace big data... do they have a choice?

## PREPARING TOMORROW'S RESEARCHERS, INNOVATORS AND DIGITAL ENTREPRENEURS

**IBD4Health** is an intensive summer-school for highly-motivated, digitally-aware clinicians, scientists and engineers, nearing or at the end of their university education. Employing a mix of expert presentations and hands-on computer sessions using an authentic medical dataset on obesity, **IBD4Health** familiarises participants with a range of big data-related topics and issues including systems approach, user interfaces, pattern analysis, the quantified self, machine-learning...

This knowledge is put to immediate use in pluridisciplinary teams tasked with co-designing a patient/user-centred innovation project. Experts in business design and development provide input and supervise the process which culminates in teams pitching their projects to a panel of experts from industry, academia, start-ups and business incubators.

## A TRANSFORMATIONAL EXPERIENCE

By pooling their knowledge, expertise and energy with like-minded young scientists from all over Europe and beyond, participants at IBD4Health are able to develop their ideas for health innovation and transform them into robust projects.

Whether an eye-opening experience at the start of a career in health-care/R&D or the first milestone on the road to becoming a committed health entrepreneur, IBD4Health is a unique opportunity to leave behind academic comfort zones and take up the challenge of innovation for health.

