



INSTITUTE FOR ADVANCED BIOSCIENCES

UMR 1209

 Université
Grenoble Alpes cnrs Inserm

BIOLOGY

HEALTH

[Epigenetics](#)[Chronic diseases](#)[Cancer](#)[Infertility](#)[Infectious diseases](#)[Epidemiology](#)

KEY FIGURES:

124 
permanent researchers
and lecturers

115 
technical and
administrative staff

241 
PhD students and
postdoctoral researchers

226 
publications per year
(on average)

18 
patents over the last
5 years

OVERVIEW

The *Institute for Advanced Biosciences* (IAB) conducts fundamental and translational biomedical research aimed at improving human health by better understanding of how the environment—at all scales from molecules to populations—shapes the development and fate of biological systems.

To achieve this, IAB has developed a scientific strategy based on a unique combination of expertise across the entire biological continuum, from molecules to populations (including genetics, epigenetics, cell biology, cell-matrix interactions, molecular pathology, host-pathogen interactions, immunology, environmental epidemiology, oncology, etc.).

RESEARCH TOPICS

- Prevention, early detection, and experimental therapy of cancer.
- Genetics, epigenetics, physiology, and therapies for infertility.
- Host-pathogen interactions, metabolism, and immunity against parasitic infections.
- Early-life exposome and its relationship with development and respiratory health.

