

Workshop 2 (Alain Leplège / Hidetaka Yakura): Knowledge and practice in medicine

The relationship between scientific knowledge and action is central to the modern conception of science since Bacon. In medicine, the problems surrounding this relationship are still salient. How should the laboratory relate to the "field" in clinical medicine and public health? How to assess the relevance of medical researches? How is it possible to take advantage of (to translate) the knowledge of invariant relationship between variables, especially when they take the form of probability functions, identified at the population level to treat individual patients? Is there a difference and if yes which one, between explicative and pragmatic research methodologies? How to generalize the results of studies in special population? These are some of the questions which might be addressed during this workshop.