

# The Most Influential Scientists in the Development of Biomedical Informatics: Philippe Dreyfus (1925-2018)

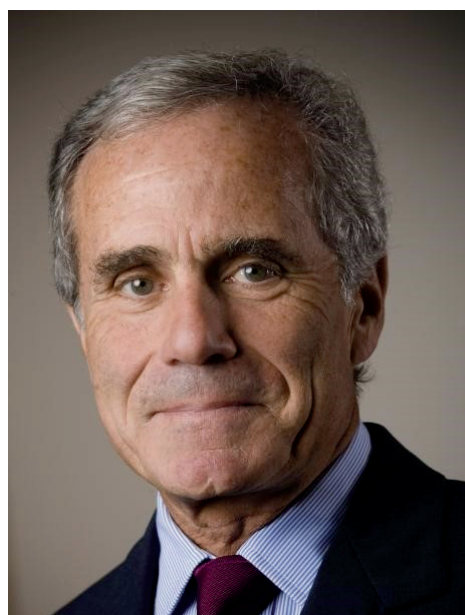
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Philippe Dreyfus (1925-2018) is a French informatics pioneer. He was born in 1925 (1-4). After gaining his Master Degree in physics in 1950 from the École supérieure de physique et de chimie industrielles de la ville de Paris (2) he became a professor at the Informatics faculty at Harvard University using Mark I, the first automated computer ever built (1). In 1958 he was nominated director of the Bull Calculus Centre. In 1962 he coined the new term *informatique* (1). In 1965 he became director of CAP Europe, an Anglo-French company, as well as director of CAP France and CAP UK. After CAP France and CAP Europe fused with Sogeti, and the consequent acquisition of Gemini Inc. (USA), he became in 1975 Vice-President of Sogeti, a position he still holds today. Philippe Dreyfus is a member of the European Computing Services Association (ECSA) Council and was the founder of Syntec Informatique. In 1962 he invented and defined the concept of programming language and in 1990 he introduced the concept of *informativité* (Informativité). Also, Dreyfus was author of the term Informatics and he introduced it to the literature in the year 1962 as joined word from two terms: in formation and automatique, because in that time automatique was signed as technique of informatics. The same term use German's author (Informatik) as pandan of the term Computer science. In anglo-sacsonic countries the common term is Information science and it covers using information in all kinds of human society. not only in scientific fields. Eastern block countries use the term information-documentation services. But, Dreyfus's idea was to use, not only the term "Science about computers" but all and activities which are in connection with automatique processing of data. But, definetelly the term informatik is frequent used the term in technical sciences and both terms: computing and informatics are overlapping. Finally on the west and is the term informatics is mixing with the term cybernetics and both terms are connected as the term automatic. During last 20 years all terms used in biomedicine academic and scientific fields are joined to the term Biomedical Informatics.



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