

Der Rat für die Verleihung des Otto Naegeli-Preises  
hat am 25. November 2009 beschlossen,  
den Otto Naegeli-Preis  
zur Förderung der medizinischen Forschung 2010

PROF. DR.  
AMOS BAIROCH

zu verleihen.  
Dieser Beschluss wurde aufgrund folgender  
Laudatio gefasst:

## PROF. AMOS BAIROCH

has made outstanding contributions in the field of protein sequence analysis and, more particularly, in the development of databases and software tools for this purpose. Even his first achievements as a Ph.D student had a major impact on the world of computational analysis of DNA sequences and proteins. Out of his early development of PC/Gene, grew the first and largest annotated protein sequence database, SWISS-PROT, which he originally released in July. 1986. SWISS-PROT has been a key research instrument for both bioinformaticians and laboratory-based scientists for over 20 years. Amos Bairoch further developed PROSITE, a database of protein families and domains, and ENZYME, a nomenclature database on enzymes, all of which are used by molecular biologists world-wide on a daily basis. Finally, in August 1993, in collaboration with Ron Appel, Amos initiated the molecular biology www server, ExpASy ([www.expasy.org](http://www.expasy.org)), which is the world's first web site dedicated to protein sciences. Beyond these concrete developments in bioinformatics, Amos Bairoch was an essential and leading figure in the establishment of the Swiss Institute of Bioinformatics (SIB), which was created to provide Switzerland with a center of excellence in bioinformatics. SIB, like Bairoch, puts its emphasis on research, education, and the developments of databases and tools which serve the biological research community the world over.

Amos Bairoch is an exceptional scientist in his unrelenting efforts towards the advancement of our knowledge of proteins through the combined use of bioinformatics and experimental methodologies. He has continually striven to make information available to as many scientists as possible

ZÜRICH, 29. APRIL 2010

DER PRÄSIDENT DES PREISRATES:

