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Abiomics Europe Ltd. (Abiomics) is the leading bioinformatics service provider for fusion of chemoinformatic and bioinformatic data and knowledge, for genetic data analysis and for medical decision support in Hungary. Abiomics has joint cooperation and partnership with multiple leading academic research groups and it had multiple projects with national pharmaceutical companies related to biomarker discovery and prediction.

The software solutions from Abiomics are focusing on the intersection of healthy ageing, personalized medicine and drug discovery by integrating and extending methods from the fields of statistics, decision theory, artificial intelligence, machine learning, text-mining and semantic technologies. Abiomics develops software tools and offers services in the following areas:

- 1) *Systems-based biomarker discovery*, which offers a unique view over minimal, but sufficient sets of diagnostic markers for complex conditions.
- 2) *Large-scale information fusion in drug discovery*, which integrates chemical, biological, clinical and personal information sources.
- 3) *Biomedical decision support systems*, which guide the optimization of information gathering in diagnosis, therapy selection or adaptation of a protocol.
- 4) *Electronic patient diaries, quantified-self data management and telemedicine solutions*.