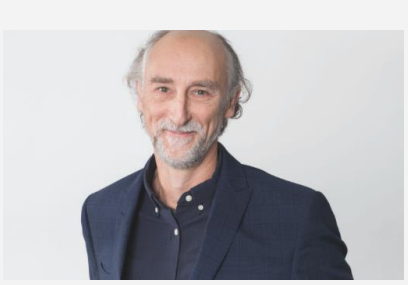
Alfonso Valencia



Member of the IMI Scientific Committee

Life Sciences Department Director / BSC – Barcelona Supercomputing Center

ICREA Research Professor
Head of the Spanish node of ELIXIR
Director / Spanish National Bioinformatics Institute

Alfonso Valencia is a Biologist by training with a Ph.D. in Biochemistry and Molecular Biology by the Universidad Autónoma, Madrid. Alfonso Valencia has published more than 300 articles with an h-index of 94 (Google Scholar profile). His group participates in various international consortiums including GENCODE/ENCODE, BLUEPRINT/IHEC (epigenomics), RD-Connect/IRDiRC (rare diseases), CLL/ICGC/PCAWG (cancer genomics) and OpenMinted (e-infrastructure in text mining). Alfonso Valencia is a founder and current member of the steering committee of the BioCreative Text Mining challenge, where he has emphasized particularly the importance of text mining in the connection between Molecular Biology and Chemistry. Prof. Valencia is a founder member and current President of the International Society for Computational Biology (ISCB), elected member of the European Molecular Biology Organization (EMBO). Prof. Valencia is Executive Editor of the main journal in the field since 2006 (“Bioinformatics” OUP) and editors of FEBS Letters, PeerJ and F1000Prime. He is also reviewing Editor of e-LIFE. Prof. Valencia is or has been member of a number of advisor boards, including EMBL, BioZentrum U. Basel, Swiss Bioinformatics Institute, EMBL-EBI chemical and protein domain databases, Department of Biology UPF, Department of Bioinformatics Curie Institute, IRB-Barcelona, among others. Dr. Valencia is Professor Honoris Causa by the Danish Technical University - DTU.

Previous positions

- ViceDirector basic Research, CNIO – Spanish National Cancer Research Center, 2014-2017
- Director Structural Biology and Biocomputing Programme, CNIO – Spanish National Cancer Research Center, 2006-2017
- Group Leader, CNB - Spanish National Center for Biotechnology (CSIC), 1990-2006
- Visiting Scientist, EMBL Heidelberg, Chris Sander’s lab, 1991-1994
- Postdoctoral researcher, EMBL Heidelberg, Chris Sander’s lab, 1989-1991
- Postdoctoral researcher Instituto de Investigaciones Biomédicas (CSIC), 1987-1989

Fields of expertise

- Bioinformatics, computational Biology, cognitive computing
- Precision medicine, genomics, text mining