People

- ▶ Founder
- ▼ Professors
  - **Bellazzi Riccardo**
  - Quaglini Silvana
  - Magni Paolo
  - Larizza Cristiana
- ▶ Researchers
- ▶ Research Fellows
- ▶ PhD Students
- ▶ Administrative
- ▶ Software development and technical support
- ▶ Alumni

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Bellazzi Riccardo

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Current Position

Full Professor of Bioengineering, University of Pavia, Italy
Deputy Dean, Faculty of Engineering, University of Pavia, Italy
Director, Interdepartmental Centre for Health Technology, University of Pavia, Italy
Director, Biomedical Informatics Laboratory "Mario Stefanelli", University of Pavia, Italy
Director, Biomedical Informatics Laboratory, IRCCS Fondazione S. Maugeri, Pavia, Italy
Senior member, Bioinformatics and Synthetic Biology Lab, Pavia, Italy

Academic Degree

1993	PhD in Bioengineering
1989	Laurea in Electronic Engineering

Research Interests

Intelligent Data Analysis, Biomedical Data Mining, Bioinformatics, Information Technology infrastructures to support biomedical research, Secondary use of clinical data

Research Grants

Ministry of Education

2007–2010	ITALBIONET: Italian Bioinformatics Network (FIRB), Unit P.I.
2005–2007	Dynamical Models of gene and protein expression data (PRIN), Unit P.I.
2003–2005	Dynamical Models of microarrays gene expression data (PRIN), Unit P.I.
2001–2002	Analysis, Information visualization and visual query in databases for clinical monitoring (PRIN), Unit P.I.

Fondazione Cariplo

2014–2016	Rete Ematologica Lombarda (REL) biotechnology cluster for the implementation of genomic analysis and the development of innovative treatments in hematological malignancies
2008–2011	Bioinformatics for Tissue engineering, P.I.
2009–2010	Sviluppo di una diagnostica molecolare per l'insufficienza ovarica primaria: analisi di diverse coorti di pazienti e genotipizzazione con arrays di SNP ad alta densità, Unit P.I.

Lombardia Region

2011–2012	The Onco-i2b2 project

Health Ministry

2009–2010	Italian Network of Genetic Isolates (INGI): identification of genetic and environmental risk factors for obesity, Unit P.I.

Ministry of Foreign Affairs

2006–2009	A.I. Methods in functional genomics, P.I.

European Commission

2013–2017	MOSAIC – UNIPV WP leader
2011–2015	Mobiguide – UNIPV WP leader
2009–2014	SUMMIT – SUrrogate markers for Micro- and Macro-vascular hard endpoints for Innovative diabetes Tools – UNIPV project leader
2010–2013	Inheritance – INtegrated HEart Research In TrANslational genetics of dilated Cardiomyopathies in Europe, WP leader, UNIPV project leader
2000–2002	Multi-access services for telematic management of diabetes mellitus, Technical project manager
1996–1999	Telematic management of insulin dependent diabetes mellitus, Co-investigator

Editorial boards

2015–today	Associate Editor of "Journal of Biomedical Informatics"
2011–today	Member of the Editorial Board of "Journal of American Medical Informatics Association"
2014–today	Member of the Editorial Board of "International Journal of Medical Informatics "
2007–today	Member of the Editorial Board of "Methods of Information in Medicine"
2006–today	Member of the Editorial Board of "Journal of Diabetes Science and Technology"
2009–2014	Associate Editor of "BMC Bioinformatics"
2005–2010	Associate Editor of "IEEE Transactions on Information Technology in Biomedicine".

Organization of Scientific Events

2015	Track chairman for Foundations of "American Medical Informatics Association 2015 Symposium ", San Francisco, November 2015
2015	Co-chair of the organizing committee of "AIME 2015 – Artificial Intelligence in medicine Conference ", Pavia, June 2015
2014	Track Chairman of the Conference "IEEE International Conference on Healthcare Informatics 2014 (ICHI 2014)", Verona, September 2014
2014	Member of the Planning Committee the Conference "GNB 2014", Pavia, May 2014
2012	Track Chairman of the Conference "AMIA SUMMIT on Translational Bioinformatics", San Francisco, March 2012
2011	Chairman of the Workshop "NETTAB on Clinical Bioinformatics", Pavia, October 2011
2010	Co-Chairman of the Scientific Programme Committee of the World Conference of Medical and Health Informatics (MEDINFO), Cape Town, September 2010
2007	Program Chairman of the Conference "Artificial Intelligence in Medicine", Amsterdam, July 2007
1996–today	SPC member of several conferences and worskhops, including: AMIA (2012, 2014), AMIA (2008), AIME (since 2001), Intelligent Data Analysis in Medicine and Pharmacology workshops (since 1996), Diabetes Technology meetings (since 2002), IDA (1997, 2007, 2009), IEEE CBMS (since 2005), PAIS (since 2005)

International and National Organizations, Awards

2015	ERC Expert – Starting grants
2013	Included in the list of Top Italian Scientists
2010–2013	Member of the Board of the International Medical Informatics Association – Vice President for Medinfo
2009–today	Fellow of the American College of Medical Informatics
2000–2008	Chairman, Working group of the International Medical Informatics Association on Intelligent Data Analysis and Data Mining
2005–today	Member of the American Medical Informatics Association
2005–today	Member of the Board of Artificial Intelligence in Medicine Society
2007–today	Member of the Italian Bioinformatics Association
1992	Second prize at the AMIA Student's paper competition

International agreements

2009–today	Chair of the agreement of the University of Pavia with Harvard Medical School on the project i2b2/Pavia. i2b2 is a NIH research center
2013–today	Chair of the agreement of the University of Pavia with the Health and Biomedical Informatics Research Center in Melbourne, Australia.

Recent Invited talks

2015	"2nd Workshop on Data Mining for Medical Informatics (DMMI); – Prediction for precision medicine – San Francisco
2015	i2b2 Europe meeting; – i2b2 and Decision Support – Leicester
2014	i2b2 Europe meeting; – i2b2 and Exposomics – Gottingen
2013	i2b2 Europe meeting; – I2b2 Applications in Pavia – Erlangen
2013	HIKM 2013; – Clinical Bioinformatics and clinical research informatics– Adelaide
2012	APAMI 2012; – Clinical Bioinformatics – Beijing
2011	INFOLAC 2011; – Clinical Data Mining – Guadalajara
2010	International Conference on Case-Based reasoning; – CBR and Bioinformatics – Alessandria
2010	INFORSALUD 2010 – Madrid
2009	Infinitamente – A.I. in Medicine – Sistemi di supporto alle decisioni in medicina – Verona
2008	ICML 2008 – Workshop on Health care applications – Temporal data mining – Helsinki
2008	Brazilian Congress of Health Informatics – Data mining in Health care – San Paulo do Brazil
2008	Diabetes Technology meeting – Data mining for Diabetes management – Washington
2008	10th FISV Congress – Bayesian networks for the integrative analysis of genomic data – Riva del Garda
2007	Medicon 2007 – Telemedicine for Diabetes patients management – Ljubljana

Academic Spin-off

2011–today	Founder and member of the board of the Academic Spin-off Biomeris

Organization

2009–2013	Member, Research Planning Group, University of Pavia
2009–2013	Member, Scientific Council, Fondazione Alma Mater Ticinensis, Pavia
2009–today	Chair, PhD in Bioengineering and Bioinformatics, University of Pavia
2004–2010	Member of the Board of the PhD program in Bioengineering and Bioinformatics
2008–today	Member of the Planning committee of the Bioengineering courses
2004–2008	Member of the Board of the Master in "Complexity and its interdisciplinary applications", Institute of Advanced Studies (IUSS), Pavia, Italy
2001–2002	Member, Committee for the evaluation of teaching activity of the Faculty of Engineering, University of Pavia, Pavia, Italy

Academic Teaching

Courses

2007–2010	Probabilistic modelling, Master Degree in Biomedical Engineering, University of Pavia, Italy
2003–today	Machine Learning in Biomedicine, Master Degree in Biomedical Engineering, University of Pavia, Italy
2003–today	Bioinformatics for genomics and proteomics, Master Degree in Biotechnology in Medicine and Pharmaceutics, University of Pavia, Italy
2001–today	Medical Informatics, Bachelor Degree in Biomedical Engineering, University of Pavia, Pavia, Italy
2004–2008	Software tools and programming, Master in "Complexity and its interdisciplinary applications", Institute of Advanced Studies (IUSS), Pavia, Italy
2001–2003	Mathematical Modeling of Biological Systems, Degree in Biomedical Engineering, University of Pavia, University of Pavia, Italy
2001–2002	Medical Informatics part A, Diploma in Biomedical Engineering, University of Pavia, Pavia, Italy
1998–2001	Bioengineering, Diploma in Biomedical Engineering, University of Pavia, Pavia, Italy

My performance as a teacher? See the web site: https://valmon.ds.unifi.it/sisvaldidat/unipv/index.php – courses "Informatica Medica" (Ingegneria – Bioingegneria LT) and "Data Mining e Sistemi decisionali in medicina" (Ingegneria – Bioingegneria LM)

Publications

Author of more than 130 publications on international peer reviewed journals and of more than 170 publications in proceedings of international conferences

Publication list in Pubmed

Publication list in Google Scholar

Bibliometric indices

- Citations 5135 (total) in 2924 (from 2100)
- h–index 38 (total) 29 (from 2010)
- i10–index 132 (total) 77 (from 2010)