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CURRICULUM VITAE

General Information

Current Position: Scientist
DiBiG, Bioinformatics Core,
Interdisciplinary Center for Biotechnology Research (ICBR)
University of Florida

Other affiliations: UF Genetics Institute, University of Florida
UF Cancer Center, University of Florida
UF Informatics Institute, University of Florida
Biostatistics & Quantitative Sciences Shared Resource, Division of Quantitative
Sciences, UF Cancer Center.

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E-mail address: ariva@ufl.edu

Citizenship: US, Italian.

Education

- 1995** Ph.D., Bioengineering,
University of Pavia, Italy.
- 1992** Laurea, Electrical Engineering (*Cum laude*),
University of Pavia, Italy.

Technical skills

- Programming languages:** Python, Common Lisp, C, Java, SQL.
- Scripting languages:** Javascript, PHP, Bash.
- Databases:** MySQL, Postgres, AllegroCache.
- Operating systems:** Linux, MacOS, Windows, Solaris.
- Cluster environments:** SLURM, SGE
- Web authoring:** HTML, CSS, XML, SOAP, AJAX, HTTP, Wordpress.
- Semantic networks:** RDF, SPARQL, AllegroStore.
- Data analysis and visualization:** R, gnuplot, Matlab, SAS/JMP Genomics, Galaxy.
- Version control:** Git, Subversion, CVS.
- Miscellaneous:** Latex.

Academic Appointments:

- 2018-present** Scientist, ICBR Bioinformatics, University of Florida, Gainesville, FL.
- 2014-2018** Associate Scientist, ICBR Bioinformatics, University of Florida, Gainesville, FL.
- 2006-2014** Assistant Professor, Department of Molecular Genetics and Microbiology,
University of Florida, Gainesville, FL.
- 2000-2005** Instructor in Pediatrics, Harvard Medical School, Boston, MA.
- 2005** Member of the Affiliated Faculty of the Harvard-MIT Division of Health Sciences
and Technology, Massachusetts Institute of Technology, Cambridge, MA.

Previous Positions:

2000-2005	Research Associate, Informatics Program, Children's Hospital Boston, Boston, MA
1999-2000	Research Fellow in Pediatrics, Children's Hospital Boston, Boston, MA
1995-1998	Postdoctoral researcher, Medical Informatics, University of Pavia, Italy.

Other Professional Positions and Major Visiting Appointments:

2014-2016	Visiting Scientist, Biomedical Informatics Laboratory University of Pavia, Italy
2007-2008	Visiting Researcher, ITB/CNR University of Bari, Italy
2002	Visiting Researcher, DIBIT, San Raffaele Hospital, Milan, Italy
1999-2000	Research Fellow, Boston University Medical Center, Boston, MA
1997	Visiting Researcher, Open University, Milton Keynes, UK.

Awards and Honors:

1992	<i>Laude</i> , University of Pavia, Italy.
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Professional Societies:

2007-present	Italian Bioinformatics Society (BITS), Member
2006-present	International Society for Computational Biology (ISCB), Member.
2002-present	Association of Lisp Users (ALU), Member.

Editorial Boards:

- 2011-present** *ISRN Biomathematics*, Editorial Board member.
- 2008-2016** *Genetic Testing*, Editorial Board member.
- 2001-present** Ad-Hoc Reviewer for: *Journal of Biomedical Informatics*, *Artificial Intelligence in Medicine Journal*, *Bioinformatics*, *Nucleic Acids Research*, *IEEE Transactions on Information Technology in Biomedicine*, *BMC Bioinformatics*, *AMIA*.

Program Committees

- 2001** Bayesian Models in Medicine Workshop, AIME 2001, Cascais (Portugal).
- 2003** 2003 International Lisp Conference
New York, NY
- 2004** Course on Bioinformatics and Computational Biology
Institute for Advanced Studies at University of Pavia
International M.Sc. degree in "Complexity and its Interdisciplinary Applications"
- 2007** Biotechnology and Bioinformatics Symposium (BIOT 2007), Colorado Springs, CO.
- 2008** Biotechnology and Bioinformatics Symposium (BIOT 2008), Arlington, TX.
- 2009-2010** Scientific Mentor, MEDINFO 2010.
- 2011** AIME 2011 Workshop on Probabilistic Problem Solving in Biomedicine, July 2nd 2011, Bled, Slovenia.
- 2011-2012** 2nd ACM SIGHIT International Health Informatics Symposium (IHI 2012), January 28-30, 2012, Miami, Florida, USA.
- 2012** Seventh Conference on Prestigious Applications of Intelligent Systems (PAIS 2012), August 29-30, 2012, Montpellier, France.
- 2012** Ninth Biotechnology and Bioinformatics Symposium (BIOT 2012), Provo, UT, October 2012.
- 2012** Genome Sequencing and Annotation Symposium, University of Florida, April 2012 (co-organizer).
- 2017** 10th European Lisp Symposium, Vrije Universiteit Brussel, Belgium, Aril 2017 (Program Committee Chair).