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My activities lie in the area of reporting standards and software development to assist data management and curation at the community level. I work closely with experimentalists, developers and biocurators to improve collection, representation and sharing of heterogeneous data from diverse biological and biomedical domains. I am a founding and/or core member of several international grass-root standards initiatives, contributing to the development of minimum requirement checklists, ontologies and data formats. My latest funded project focuses on networking activities designed to facilitate the coordinated development of reporting standards and to formalize linkages between standards developers and a wide range of other communities, mainly biocurators, funders, and next-generation technology providers.

Education

- 1989-1994 *BSc (Hons) Biology Laurea*, "Federico II" University of Naples, Naples, Italy.
1996-2000 *PhD Molecular Biology*, Imperial College of Science, Technology and Medicine, London, UK.

Positions

- 1994-1996 *Research Scientist*, Molecular Biology Team, Istituto Zooprofilattico Sperimentale, Portici and Brescia, Italy.
1999-2001 *Senior Research Scientist*, Vaccine Genetics Team, Microscience Ltd (now Emergent BioSolutions, Inc.), Winnersh Triangle, Wokingham, UK.
2001-2002 *Scientific Data Manager*, Protein and Nucleotide Sequence Database, EBI, UK.
2002-2010 *Coordinator*, Nutrigenomics, Environmental Genomics and Toxicogenomics projects, EBI.
2010-present *Team Leader*, OeRC, University of Oxford, Oxford, UK.

Relevant associations and memberships

- 2003-present *Board Member*, Microarray and Gene Expression Data (MGED) Society.
2004-present *Coordinator Committee Member*, Ontology for Biomedical Investigations (OBI) consortium.
2004-present *Steering Committee Member*, UK NERC Environmental Bioinformatics Centre - Post-Genomics and Proteomics Programme.
2006-present *Co-founder*, Minimum Information for Biological and Biomedical Investigations (MIBBI) consortium.
2007-present *Board Member*, Genomics Standards Consortium (GSC).
2007-present *Co-organizer and Co-chair*, Bio-Ontology Special Interest Group (SIG) at the Intelligent Systems for Molecular Biology (ISMB).
2008-present *Committee Member*, Working Package on Interoperability, Standards and Ontology, European Union's ELIXIR project.
2009-present *Member*, International Society for Biocuration.
2010-present *Committee Member*, UK BBSRC Data Sharing Policy Monitoring Group.

Selected publications representative of latest funded activities

- Taylor CF*, Field D*, Sansone SA*, et al. (2008). *Promoting coherent minimum reporting requirements for biological and biomedical investigations: the MIBBI project*. **Nat Biotechnol.** 26(8):889-896.
<http://www.mibbi.org>
- Field D*, Sansone SA*, et al. (2009). *'Omics data sharing*. **Science** 326(5950):234-6.
<http://www.biosharing.org>
- Rocca-Serra P, Brandizi M, Maguire E, Sklyar S, Taylor C, Begley K, Field D, Harris S, Hide W, Hofmann O, Neumann S, Sterk P, Tong W and Sansone S-A. (2010). *ISA software suite: supporting standards-compliant experimental annotation and enabling curation at the community level*. **Bioinformatics**. doi:10.1093/bioinformatics/btq415.
<http://www.isa-tools.org>