

Annalisa Santucci



Curriculum vitae 2013

PRESENT POSITION

Full Professor of Biochemistry (Professore I fascia di Biochimica), Dipartimento di Biotecnologie, Chimica e Farmacia, Università degli Studi di Siena

EDUCATION AND TRAINING

1984 Laurea in Scienze Biologiche (*magna cum laude*), Siena
1988-1989 University of Edimburgh, UK
1991-1992 University Hospital, Geneva, Switzerland
1994 PhD in Biotechnology, Siena
1997 Hewlett Packard, Palo Alto, CA
1998 Istituto Nazionale per la Ricerca sul Cancro, Genova
1998 Institut für Molekularbiologie und Biophysik, ETH, Zurich

PREVIOUS POSITIONS

1985-1986 FELLOWSHIP Università degli Studi di Siena, CRISMA, Centro Ricerche Sistemi Medici Avanzati
1987-1990 E.N.I. "Albatros" fellowship, Università degli Studi di Siena, Dipartimento di Chimica
1990 FIDIA Fellowship Università degli Studi di Siena, Dipartimento di Biologia Molecolare
1991-1994 PhD Student Biotechnology, Università degli Studi di Siena, Dipartimento di Biologia Molecolare
1995-1996 Fellowships (two) Istituto Superiore di Sanità, Roma
1997-1998 Fellowship Consorzio Siena Ricerche, Siena
1999-2001 Collaboratore Tecnico Laureato 7° livello, Università degli Studi di Siena, Dipartimento di Biologia Molecolare
2001-2002 Ricercatore BIO/10, Facoltà di Farmacia, Università degli Studi di Siena
2002-2004 Associate Professor of Biochemistry, Facoltà di Farmacia, Università degli Studi di Siena
2004-TODAY Full Professor of Biochemistry

OTHER POSITIONS

2003 – 2012 MEMBER OF THE DIRECTIVE COMMITTEE OF THE INTERDEPARTMENTAL CENTRE FOR THE STUDY OF GASTROENTERIC DISEASES ASSOCIATED TO SPYRALIFORM BACTERIA
2008 – 2009 PRESIDENT OF THE COURSE OF BIOTECHNOLOGY FOR HUMAN HEALTH
2009 – 2011 PRESIDENT OF THE COURSE OF PHARMACEUTICAL BIOTECHNOLOGY, FACULTY OF PHARMACY
2008 – 2011 DIRECTOR OF SIENA UNIVERSITY INTERDEPARTMENTAL CENTRE FOR THE BIOCHEMICAL STUDY OF OSTEOARTICULAR PATHOLOGIES
2011- TODAY PRESIDENT OF THE SCIENTIFIC COMMITTEE AND FOUNDER OF AIMAKU (ASSOCIAZIONE ITALINA MALATI DI ALCAPTONURIA)
2008 – TODAY MEMBER OF THE ADVISORY BOARD OF FINDAKURE INTERNATIONAL NETWORK

SCIENTIFIC EXPERTISE

Protein structure-function relationships
Post-genomic biochemistry
Physiopathological mechanisms of human diseases (gastric cancer, pancreatic cancer, osteosarcoma, alkaptonuria, osteoarthritis)
Microorganism proteomics (*Helicobacter pylori*, *Saccharomyces cerevisiae*, *Neisseria meningitidis*)

PUBLICATIONS

A) Peer- reviewed international publications: 180
B) Patents: 6

C) Editor of books and special issues : 2

REVIEWER FOR INTERNATIONAL JOURNALS LIKE CLINICAL CHEMISTRY, PROTEOMICS, JOURNAL OF PROTEOME RESEARCH, PROTEOME SCIENCE, ELECTROPHORESIS, JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, JOURNAL OF CHROMATOGRAPHY, EXPERT REVIEWS OF PROTEOMICS, ACTA PHARMACOLOGICA SINICA, JOURNAL OF DENTAL RESEARCH, BBA – PROTEINS AND PROTEOMICS, BBRC, FEBS LETTERS, ANTI-CANCER DRUGS, EXPERT OPINION ON MEDICAL DIAGNOSTICS, PROTEOMICS CLINICAL APPLICATIONS, AFRICAN HEALTH SCIENCES, JOURNAL OF MEDICAL MICROBIOLOGY, APPLIED MICROBIOLOGY, BMC BIOLOGY, JOURNAL OF PROTEOMICS, JOURNAL OF INHERITED METABOLIC DISEASES, MICROBIAL CELL FACTORIES, JOURNAL OF PHARMACY AND PHARMACOLOGY, BMC GASTROENTEROLOGY, JOURNAL OF METABOLOMICS AND SYSTEMS BIOLOGY, VACCINES, AFRICAN HEALTH SCIENCES, AMINO ACIDS, MICROBIOLOGICA, JOURNAL OF PROTEOME SCIENCE, PLOS ONE, AND OTHER.

REVIEWER OF PROPOSALS FOR:

- "RECHERCHE CLINIQUE TRANSLATIONNELLE 2009", INSERM (FRENCH INSTITUTE OF HEALTH AND MEDICAL RESEARCH) AND FRENCH MINISTRY OF HEALTH
- NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL OF CANADA, DISCOVERY GRANT PROPOSAL REVIEWER
- AGENCE NATIONALE DE LA RECHERCHÉ, FRANCE
- MIUR, CINECA
- PROVINCIA AUTONOMA DI BOLZANO

ORGANIZER OF:

- 1988 – Scuola Nazionale di Scienza delle Proteine, SIB, Pontignano (SI), 22 agosto-2 settembre
- 1989 - IV Convegno Nazionale "Proteine '89", SIB, Siena, 14-16 settembre
- 1989 – COMETT Advanced Course on Protein Structural Aspects of Biotechnology, Edinburgh, UK, September
- 1991 – Corso Teorico Applicativo di Tecniche e Elettroforetiche, Fiorenzuola d'Arda (PC), 21-24 gennaio
- 1996 – XI Convegno Nazionale "Proteine '96", SIB, Siena, 29-31 maggio
- 1999 - Workshop CEE "The Immunobiotechnology Workshop on Antibody Technology", Siena, 25th April 1999
- 2005 – "Analisi Proteomica: dalla metodologia alle applicazioni", serie di seminari, simposi ed attività di orientamento, 4 maggio-21 giugno 2005, Firenze, Pisa, Padova, Roma, Napoli, Milano
- 2005 – Workshop ENEA "Saccharomyces cerevisiae: sistema modello per l'analisi delle risposte allo stress. Prospettive di ricerca e innovazione", Roma 16 dicembre 2005
- 2008 – Seldi-Tof Users' Meeting Bio-Rad, Siena 23-24 ottobre 2008
- 2009 – 3rd International Workshop on Alkaptonuria, Siena, 27th October 2009
- 2009 – Meeting of the International Advisory Board on AKU, Siena, 28th October 2009
- 2011 - 4th International Workshop on AKU, Cambridge, UK,
- 2011- 5th International Workshop on AKU, Liverpool, UK,
- 2013 - 6th International Workshop on AKU, Piestany, Slovakia,
- 2012 - Conferenza dei Presidi Regione Toscana – "Centralità della Toscana nella ricerca mondiale su una malattia ultra-rara: l'alcaptonuria", Firenze 3 ottobre

COORDINATOR OF SIENA UNIVERSITY INTERNATIONAL EDUCATIONAL AGREEMENTS:

UNIVERSITY OF LIVERPOOL, LIVERPOOL, UK
PROF. JAMES A. GALLAGHER
SCHOOL OF BIOMEDICAL SCIENCES
DEPT. BIOMEDICAL SCIENCES
[HTTP://WWW.LIV.AC.UK/HACB](http://www.liv.ac.uk/HACB)

UNIVERSITY OF VIENNA, VIENNA, A
PROF. OSKAR HOFFMANN
INSTITUTE OF PHARMACOLOGY AND TOXICOLOGY
DEPT. OF PHARMACOLOGY AND TOXICOLOGY
[HTTP://WWW.UNIVIE.AC.AT/PTOX/INDEX.HTML](http://www.univie.ac.at/PTOX/INDEX.HTML)

THE SCRIPPS RESEARCH INSTITUTE, LA JOLLA, CA, USA
PROF. LUIGI PULVIRENTI
DEPT. OF NEUROPHARMACOLOGY
[HTTP://WWW.SCRIPPS.EDU/E_INDEX.HTML](http://www.scripps.edu/E_INDEX.HTML)

THE UNIVERSITY OF AUCKLAND, AUCKLAND, NEW ZEALAND
PROF. JILLIAN CORNISH
FACULTY OF MEDICINE AND HEALTH SCIENCES
SCHOOL OF MEDICINE
DEPT. OF MEDICINE
[HTTP://WWW.FMHS.AUCKLAND.AC.NZ/](http://www.fmhs.auckland.ac.nz/)

THE UNIVERSITY OF NEW SOUTH WALES, SYDNEY, AUSTRALIA
PROF. MARC WILKINS
SCHOOL OF BIOTECHNOLOGY AND BIOMOLECULAR SCIENCES
MARC.WILKINS@UNSW.EDU.AU

JAGIELLONIAN UNIVERSITY, KRAKOW, POLAND
PROF. TADEUSZ LIBROWSKI
MEDICAL COLLEGE
FACULTY OF PHARMACY
MFLIBROW@CYF-KR.EDU.PL

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