Stefano Gianni
Curriculum vitae

CONTACTS
Work Phone: 06-49910258
Email address: Stefano.gianni@uniroma1.it

EDUCATION (academic degrees)

Degree, in Biological Sciences, 110/110 cum laude, 14 December 1999. Sapienza, University of Rome

PhD in Biochemistry, 27 March 2003. Title: Snapshots of Protein folding. The folding pathway of cytochrome c551 from *Pseudomonas Aeruginosa.* University of Rome "La Sapienza".

CAREER

Full Professor, (1 November 2016-date), Department of Biochemical Sciences, University of Rome "La Sapienza"

Head of the PhD School of Biochemistry (April 2017-date) University of Rome "La Sapienza"

Associate Professor, (from 27 December 2012-31 October 2016), Department of Biochemical Sciences, University of Rome "La Sapienza"

Visiting Professor (from 30 May 2013-July 2016), Department of Chemistry, University of Cambridge, UK

Researcher, (30 December 2005 - 28 December 2012) Institute of Molecular Biology and Pathology, CNR, Rome, Italy.

Postdoctoral fellow, (1 June 2005 - 28 December 2005) Istituto Pasteur-Fondazione Cenci Bolognetti.

Research Assistant, (1 March 2004 - 31 May 2005), University of Rome "La Sapienza".

Visiting Scientist, (1 October 2001 – 31 December 2003) Centre for Protein Engineering, Medical Research Council, Cambridge, UK.

CURRENT TEACHING ACTIVITY (year 2018/19)

Chemistry and Propaedeutic Biochemistry, Faculty of Pharmacy and Medicine, Medicine D.

Chemistry and Propaedeutic Biochemistry, Faculty of Pharmacy and Medicine, Laboratory Technicians/Radiology Technicians/Physioterapists.

Molecular Biotechnology, Faculty of Pharmacy and Medicine, Applied Pharmaceutical Science

Biochemistry, Faculty of Pharmacy and Medicine, Applied Pharmaceutical Science

HONORS, AWARDS AND FELLOWSHIPS (maximum 5 best)

-May 2009 Accademia Nazionale delle Scienze, detta dei XL, e Accademia Nazionale dei Lincei. "Vincenzo Caglioti" International Prize for Chemistry.

-May 2013 EMBO fellowship

FUNDINGS (maximum 5 best)

2014-2016 "PDZ and Cancer", Pasteur Institute Italia

2016-2019 "Dissecting the Gab2 interactions and their targeting to block myeloid and lymphoid leukemogenesis", AIRC

2016-2020 "PDNnet", Horizon 2020 ETN Project

PROFESSIONAL MEMBERSHIPS AND OTHER ACTIVITIES (maximum 100 words)

Editorial Board Member of *Biophysical Chemistry* (Elsevier), *Scientific Reports* (Nature Publishing Group), *Protein Engineering Design & Selection* (Oxford Journals),

Protein and Peptide Letter (Bentham Science), *International Journal of Molecular Sceinces* (MDPI)

5 BEST PUBLICATIONS (since 2009):

1) Gianni S, McCully ME, Malagrinò F, Bonetti D, De Simone A, Brunori M, Daggett V. A Carboxylate to Amide Substitution That Switches Protein Folds. Angew Chem Int Ed Engl. 2018 57:12795-12798.

2) Di Silvio, E., Brunori, M., Gianni, S. † (2015) Frustration Scuplts the early stages of protein folding Angew Chem Int Ed Engl 54, 10867-10869.

3) Gianni, S., Camilloni, C., Giri, R., Toto, A., Bonetti, D., Morrone, A., Sormanni, P, Brunori, M., Vendruscolo, M. (2014) Understanding the frustration arising from the competition between function, misfolding, and aggregation in a globular protein. Proc. Natl. Acad. Sci. USA 111, 14141-14146

4) Giri R, Morrone A, Toto A, Brunori M, Gianni, S. (2013) Structure of the transition state for the binding of c-Myb and KIX highlights an unexpected order for a disordered system. Proc Natl Acad Sci USA. 110, 149422-149427

5) Gianni, S., Ivarsson, Y., De Simone, A., Travaglini-Allocatelli, C., Brunori, M., Vendruscolo M., (2010) Characterization of the Structure of a Misfolded Intermediate Populated during the Folding Process of a PDZ domain Nature Struct. Mol Biol. 17, 1431-1437.

BIBLIOMETRIC DATA

ORCID ID: 0000-0003-1653-1925

(SCOPUS database)
Total publications: 115
Total citations: 2500
H-index: 31

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Curriculum vitae

CONTATTI
Telefono studio: 06-49910258
Indirizzo email: Stefano.gianni@uniroma1.it

TITOLI DI STUDIO (laurea e post-laurea)

Laurea, in Scienze Biologiche, 110/110 cum laude, 14 December 1999. Sapienza, Università di Roma

PhD in Biochimica, 27 Marzo 2003. Titolo tesi: Snapshots of Protein folding. The folding pathway of cytochrome c551 from *Pseudomonas Aeruginosa.* Sapienza, Università di Roma

CARRIERA PROFESSIONALE

Professore Ordinario, (1 Novembre 2016-oggi), Dipartimento di Scienze Biochimiche, Sapienza, Università di Roma ”

Coordinatore del Dottorato di Ricerca in Biochimica (Aprile 2017-oggi) Sapienza, Università di Roma

Professore Associato, (27 Dicembre 2012-31 Ottobre 2016), Dipartimento di Scienze Biochimiche, Sapienza, Università di Roma ”

Visiting Professor (from 30 May 2013-July 2016), Department of Chemistry, University of Cambridge, UK

Ricercatore, (30 Dicembre 2005-27 Dicembre 2012) IBPM, CNR, Rome, Italy.

Postdoctoral fellow, (1 Giugno 2005 - 28 Dicembre 2005) Istituto Pasteur-Fondazione Cenci Bolognetti.

Research Assistant, (1 Marzo 2004 - 31 Maggio 2005), Sapienza, Università di Roma

Visiting Scientist, (1 October 2001 – 31 December 2003) Centre for Protein Engineering, Medical Research Council, Cambridge, UK.

ATTIVITA’ DIDATTICA ATTUALE (anno 2018/19)

Chimica e Propedeudica Biochimica, Facoltà di Farmacia e Medicina, Medicina e Chirurgia corso D

Chimica e Propedeudica Biochimica, Facoltà di Farmacia e Medicina, Tecnici di Laboratorio Biomedico/Tecnici Radiologi/Fisioterapisti, Pozzilli, Molise

Biotecnologie Molecolari, Facoltà di Farmacia e Medicina, Scienze Farmaceutiche Applicate

Biochimica, Facoltà di Farmacia e Medicina, Scienze Farmaceutiche Applicate

RICONOSCIMENTI, PREMI E BORSE DI STUDIO (massimo 5 migliori)

Maggio 2009 Accademia Nazionale delle Scienze, detta dei XL, e Accademia Nazionale dei Lincei. “Vincenzo Caglioti" International Prize for Chemistry.

-Maggio 2013 EMBO fellowship

FINANZIAMENTI (massimo 5 migliori)

2014-2016 “PDZ and Cancer”, Pasteur Institute Italia

2016-2019 “Dissecting the Gab2 interactions and their targeting to block myeloid and lymphoid leukemogenesis”, AIRC

2016-2020 “PDNnet”, Horizon 2020 ETN Project

ISCRIZIONI PROFESSIONALI E ALTRE ATTIVITA’ (massimo 100 parole)

Editorial Board Member of *Biophysical Chemistry* (Elsevier), *Scientific Reports* (Nature Publishing Group), *Protein Engineering Design & Selection* (Oxford Journals), *Protein and Peptide Letter* (Bentham Science), *International Journal of Molecular Sceinces* (MDPI)

5 MIGLIORI PUBBLICAZIONI (dal 2009):

1) Gianni S, McCully ME, Malagrinò F, Bonetti D, De Simone A, Brunori M, Daggett V. A Carboxylate to Amide Substitution That Switches Protein Folds. Angew Chem Int Ed Engl. 2018 57:12795-12798.

2) Di Silvio, E., Brunori, M., Gianni, S. † (2015) Frustration Scuplts the early stages of protein folding Angew Chem Int Ed Engl 54, 10867-10869.

3) Gianni, S., Camilloni, C., Giri, R., Toto, A., Bonetti, D., Morrone, A., Sormanni, P, Brunori, M., Vendruscolo, M. (2014) Understanding the frustration arising from the competition between function, misfolding, and aggregation in a globular protein. Proc. Natl. Acad. Sci. USA 111, 14141-14146

4) Giri R, Morrone A, Toto A, Brunori M, Gianni, S. (2013) Structure of the transition state for the binding of c-Myb and KIX highlights an unexpected order for a disordered system. Proc Natl Acad Sci USA. 110, 149422-149427

5) Gianni, S., Ivarsson, Y., De Simone, A., Travaglini-Allocatelli, C., Brunori, M., Vendruscolo M., (2010) Characterization of the Structure of a Misfolded Intermediate Populated during the Folding Process of a PDZ domain Nature Struct. Mol Biol. 17, 1431-1437.

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