

CURRICULUM
VITAE ET
STUDIORUM

PERSONAL INFORMATIONS

Name and Surname	SAMUELE RACCOSTA
Nationality	Italian
Place and date of birth	ERICE (TP) 20/08/1981
Present position	Student of the PhD School of Physics, University of Palermo. Advisors: Prof. M. Leone, Dr. M. Manno.
Working place	CNR - Institute of Biophysics at Palermo, via Ugo La Malfa 153, I-90143, Palermo. Italy
Telephone	091-6809356
E-mail	samuele.raccosta@pa.ibf.cnr.it ; raccosta@fisica.unipa.it

EDUCATION AND
TRAINING

- | | |
|-----------------------------------|---|
| • Date | July 2000 |
| • institute of education/training | <i>Liceo Scientifico "V. Fardella" di Trapani (TP)</i> |
| • Qualification achieved | DIPLOMA DI MATURITA' SCIENTIFICA; vote 100/100 and mention |
| • Date | October 2004 |
| • institute of education/training | <i>Università degli Studi di Palermo – Facoltà di Scienze Matematiche, Fisiche e Naturali</i> |
| • Qualification achieved | LAUREA IN FISICA (equivalent to BD), vote 108/110; experimental thesis entitled " <i>La tecnica del light scattering dinamico nello studio dei processi di aggregazione di proteine</i> ";
advisor: Prof. M. Leone; co- advisor: Dr. P.L. San Biagio. |
| • Date | September 2006 |
| | Participation to the XVIII Congresso della Società Italiana di Biofisica Pura e Applicata. |
| • Date | July 2007 |
| • institute of education/training | <i>Università degli Studi di Palermo – Facoltà di Scienze Matematiche, Fisiche e Naturali</i> |
| • Qualification achieved | LAUREA SPECIALISTICA IN FISICA (specialization in Physics of Biosystems), (equivalent to MD), vote 110/110 cum laude; experimental thesis entitled " <i>Processi di aggregazione del lisozima indotti dalla denaturazione termica</i> "; advisor: Prof. M. Leone; co- advisor: Dr. M. Manno (developed at Istituto di Biofisica del CNR U.O. di Palermo). |

PERSONAL SKILLS

LANGUAGES

- Ability to read
- Ability to write
- Speaking capacity

ENGLISH

Good

Good

Sufficient

PROFESSIONAL INTERESTS

Basic scientific research and applied in public and private sectors, including health one.

TECHNICAL SKILLS

Excellent knowledge of

Software packages: *Microsoft Word, Excel, PowerPoint, Outlook and Internet Explorer*.

Operating systems: Linux e Windows (95, 98, 2000, Millennium, XP).

Mathematics and graphics software: *Grace, Origin, SigmaPlot, Mathematica, Derive*

Programming language: *FORTRAN*

Experimental techniques used: light scattering (LALS, SALS), differential scanning microcalorimetry, rheology, optical microscopy, UV-VIS spectroscopy, atomic force microscopy.

COMMUNICATIONS TO CONGRESS

12TH ECSBM
SEPTEMBER 2007

G. Navarra, S. Raccosta, M. Manno, V. Militello and M. Leone. Lysozyme aggregation driven by unfolding: the role of metal ions.

INTERNATIONAL BUNSEN
DISCUSSION MEETING
FEBRUARY 2009

S. Raccosta, V. Martorana and M. Manno. Fibrillogenesis of Hen Egg-White Lysozyme at acid pH.

EBSA
GENOVA – JULY 2009

Raccosta S., Martorana V., Manno M. and San Biagio P.L. Fibrillogenesis of hen egg-white lysozyme at acidic pH.

13TH ECSBM
AUGUST 2009

Raccosta S., Martorana V., Manno M. and San Biagio P.L. Fibrillogenesis of hen egg-white lysozyme at acidic pH.

Int. Summer School
Rovinj- Sept. 2009

Raccosta S., Martorana V., Manno M. and San Biagio P.L. Fibrillogenesis of hen egg-white lysozyme at acidic pH. International Summer School of Biophysics, Rovinj (Red Island) - Croazia, 19 Sett – 1 Ott 2009

TALKS

36TH COURSE OF
“INTERNATIONAL SCHOOL OF
BIOPHYSICS” - ERICE 2008

S. Raccosta, D. Bulone, D. Giacomazza, M. Leone, V. Martorana and M. Manno. Thermal irreversible unfolding and aggregation of Lysozyme.

XIX SIBPA CONGRESS
ROMA 2008

S. Raccosta, M. Manno, D. Bulone, D. Giacomazza, M. Leone, V. Martorana and P.L. San Biagio. Thermal irreversible unfolding and aggregation of Lysozyme.

PUBLICATIONS

EBJ 2009

Raccosta S., Manno M., Bulone D., Giacomazza D., Militello V., Martorana V. and San Biagio P.L. Irreversible gelation of thermally unfolded proteins: structural and mechanical properties of lysozyme aggregates. DOI: 10.1007/s00249-009-0503-4

SCHOOLS

ERICE - APRIL 2008

International School of biophysics. 36° Course: Multidimensional optical fluorescence microscopy towards nanoscopy. Erice 19-29 Aprile 2008.

ROVINJ - SEPTEMBER 2009

International Summer School of biophysics. 10° Course: Supramolecular structure and function.

OTHER

Fortran code for simulation of X-ray structure function of macromolecules with known pdb file.

Si autorizza al trattamento dati ai sensi del D. Lgs. 196/2003

PALERMO 29/03/2010