Publications

A. Research Articles:

1) Luca, F. Lepri, R. Dvorsky, L. Pannone, S. Paolacci, S. Zhang, V. Fodale, G. Bocchinfuso, C. Rossi, E. M. M. Burkitt-Wright, A. Farrotti, E. Stellacci, S. Cecchetti, R. Ferese, L. Bottero, E. Di Schiavi, O. Fenneteau, B. Brethon, M. Sanchez, A. E. Roberts, H. G. Yntema, I. van der Burgt, P. Cianci, M. Bondeson, M. Cristina Digilio, G. Zampino, B. Kerr, Y. Aoki, M. L. Loh, A. Palleschi, A. Carè, A. Selicorni, B. Dallapiccola, I. C. Cirstea, L. Stella, M. Zenker, B. D. Gelb, H. Cavé, M. R. Ahmadian, and M. Tartaglia.
Activating mutations in RRAS cause Noonan syndrome and contribute to leukemogenesis.
Hum. Mol. Genet., submitted.

2) V. Cordeddu, B. Redeker, E. Stellacci, A. Jongejan, A. Fragale, T. E. J. Bradley, M. Anselmi, A. Ciolfi, S. Cecchetti, M. Azage, D.l R. Carvalho, A. J. Espay, A. Male, A.-M. Molin, R. Posmyk, C. Battisti, A. Casertano, D. Melis, A. van Kampen, F. Baas, M. M. Mannnens, G. Bocchinfuso, L. Stella, M. Tartaglia, R. C. Hennekam
Dominant negative-acting mutations in ZBTB20 cause overgrowth, cognitive deficits, diabetes, progressive muscle wasting and deafness
Nat. Genet., submitted

3) E. Flex, M. Jaiswal, F. Pantaleoni, S. Martinelli, M. Strullu, E. K. Fansa, A. Caye, A. De V. Caputo, G. Bocchinfuso, M. Castori, A. Traversa, P. Grammatico, L. Stella, A. Pizzuti, M. Tartaglia.
Novel mutation in SMAD4 causing Myhre syndrome.
Am. J. Med. Gen., in press.

4) S. Iftemi, M. De Zotti, F. Formaggio, C. Toniolo, L. Stella, and T. Luchian.
Electrophysiology investigation of trichogin GA IV activity in planar lipid membranes reveals ion channels of well-defined size.
Chem. Biodivers., in press.

5) M. Barua, E. Stellacci, L. Stella, A. Weins, G. Genovese, V. Muto, V. Caputo, H. Toka, V. T. Charoonratana, M. Tartaglia, M. R. Pollak.
Mutations in PAX2 Are Associated with Adult-onset FSGS.
J. Am. Soc. Nephrol., in press.

6) S. Bobone, M. van de Weert, and L. Stella.
A reassessment of synchronous fluorescence in the separation of Trp and Tyr contributions in protein emission and in the determination of conformational changes.
J. Mol. Struct. (2014), http://dx.doi.org/10.1016/j.molstruc.2014.01.004.

7) S. Bobone, G. Bocchinfuso, Y. Park, A. Palleschi, K. -S. Hahm, and L. Stella.
The importance of being kinked: role of Pro residues in the selectivity of the helical antimicrobial peptide P5.
J. Pept. Sci., 2013, 19: 758–769.

8) A. Bocedi, R. Fabrini, A. Farrotti, L. Stella, A. J. Ketterman, J. Z. Pedersen, N. Allocati, P. C. K. Lau, S. Grosse, L. D Eltis, A. Ruzzini, T. E. Edwards , L. Morici, E. Del Grosso, L. Guidoni, D. Bovi, M. Lo Bello, G. Federici, M. W Parker, P. G. Board and G. Ricci.
The Impact of Nitric Oxide Toxicity on the Evolution of the Glutathione Transferase Superfamily. A proposal for an evolutionary driving force.
J. Biol. Chem., 2013, 288: 24936-24947.

9) M. Caruso, E. Placidi, E. Gatto, C. Mazzuca, L. Stella, G. Bocchinfuso, A. Palleschi, F. Formaggio, C. Toniolo and M. Venanzi.
Fibrils or globules? Tuning the morphology of peptide aggregates from helical building blocks.
J. Phys. Chem. B. 2013. 117: 5448-5459.

10) S. Castelli, L. Stella, P. Petrarca, A. Battistoni, A. Desideri, M. Falconi.
Zinc ion coordination as a modulating factor of the ZnuA histidine-rich loop flexibility: a molecular modeling and fluorescence spectroscopy study.
Biochim. Biophys. Res. Comm, 2013, 430:769-773.

11) S. Bobone, Y. Gerelli, M. De Zotti, G. Bocchinfuso, A. Farrotti, B. Orioni, F. Sebastiani, E. Latter, J. Penfold, R. Senesi, F. Formaggio, A. Palleschi, C. Toniolo, G. Fragneto, L. Stella.
Membrane thickness and the mechanism of action of the short peptaibol trichogin GA IV.
Biochim. Biophys. Acta, 2013, 1828: 1013–1024.
Cover for all 2013 issues. Highlighted also in the ILL annual report.

12) S. Bobone, D. Roversi, L. Giordano, M. de Zotti, F. Formaggio, C. Toniolo, and L. Stella.
The Lipid Dependence of Antimicrobial Peptide Activity Is an Unreliable Experimental Test for Different Pore Models.
Biochemistry (**Rapid Reports**). 2012, 51: 10124-10126.
Selected to be highlighted on the journal's home page.

13) A. De Luca, L. Federici, M. Di Canio, L. Stella and A. M. Caccuri
New insights into the mechanism of JNK1 inhibition by glutathione transferase P1-1
Biochemistry, 2012 51:7304-7312.

14) S. Martinelli, A. P. Nardozza, S. Delle Vigne, G. Sabetta, P. Torreri, G. Bocchinfuso, E. Flex, S. Venanzi, A. Palleschi, B. D. Gelb, G. Cesareni, L. Stella, L. Castagnoli and M. Tartaglia.
Counteracting effects operating on the function of Src-homology 2 domain-containing protein tyrosine phosphatase 2 (SHP2) drive selection of the recurrent Tyr62Asp and Tyr63Cys substitutions in Noonan syndrome.
J. Biol. Chem., 2012, 287, 27066-27077.
Selected as J. Biol. Chem. "paper of the week"

15) V. Caputo, L. Cianetti, M. Niceta, C. Carta, A. Ciolfi, G. Bocchinfuso, E. Carrani, M. L. Dentici, E. Biamino, E. Belligni, L. Garavelli, L. Boccone, D. Melis, G. Andria, B. D. Gelb, L. Stella, M. Silengo, B. Dallapiccola, and M. Tartaglia.
A Restricted Spectrum of Mutations in the SMAD4 Tumor-Suppressor Gene Underlies Myhre Syndrome.
Am. J. Hum. Genet. 2012 90: 161-169.

16) O. Vassallo, S. Castelli, I. D'annessa, B. Morrozzo della Rocca, L. Stella, B. R. Knudesn, A. Desideri
Evidences of a natively unfolded state for the human topoisomerase 1B N-terminal domain.
Aminoacids 2011 41: 945-953.

17) F. Lepri, A. De Luca, L. Stella, Cesare Rossi, G. Baldassarre, F. Pantaleoni, V. Cordeddu, B. J. Williams, M. L. Dentici, V. Caputo, S. Venanzi, M. Bonaguro, I. Kavamura, M. F. Faienza, A. Pilotta, F. Stanzial, F. Faravelli, O. Gabrielli, B. Marino, G. Neri, M. Cirillo Silengo, G. B. Ferrero, I. Torrrente, A. Selicorni, L. Mazzanti, M. C. Digilio, G. Zampino, B. Dallapiccola, B. D. Gelb, and M. Tartaglia.
SOS1 mutations in noonan syndrome: an update on molecular spectrum, structural insights on pathogenic effects, and genotype-phenotype correlations.
Hum. Mut. 2011 32: 760–772.

18) S. Bobone, A. Piazzon, B. Orioni, J. Z. Pedersen, Y. H. Nan, K.-S. Hahm, S. Y. Shin, and L. Stella
The thin line between cell-penetrating and antimicrobial peptides: the case of Pep-1 and Pep-1-K.
J. Pept. Sci, 2011, 17, 335-341

19) R. Fabrini, A. Bocedi, K. Dawood, P. Turella, L. Stella, M. W. Parker, J. Z. Pedersen, G. Federici, G. Antonini, and G. Ricci.
The extended catalysis of glutathione transferase
FEBS Lett., 2011, 585: 341-345.

20) R. Fabrini, A. Bocedi, V. Pallottini, L. Canuti, M. De Canio, A. Urbani, V. Marzano, T. Cornetta, P. Stano, A. Giovanetti, L. Stella, A. Canini, G. Federici, G. Ricci
Nuclear Shield: a multi-enzyme task-force for nucleus protection.
PLoS ONE, 2010, 5(12): e14125.

21) C. Mazzuca, B. Orioni, M. Coletta, F. Formaggio, C. Toniolo,G. Maulucci, M. De Spirito, B. Pispisa, M. Venanzi and L. Stella
Fluctuations and the rate-limiting step of peptide-induced membrane leakage.
Biophys. J., 2010, 99: 1791-1800.

22) R. Fabrini, A. De Luca, L. Stella, G. Mei, B. Orioni, S. Ciccone, G.Federici, M. Lo Bello and G. Ricci.
Monomer/dimer equilibrium in glutathione transferases: a critical re-examination.
Biochemistry, 2009, 48: 10473–10482.

23) L. Marcellini, M. Borro, G. Gentile, A. C. Rinaldi, L. Stella, P. Aimola, D. Barra and M. L Mangoni,
Esculentin-1b(1-18)--a membrane-active antimicrobial peptide that synergizes with antibiotics and modifies the expression level of a limited number of proteins in Escherichia coli.
FEBS J, 2009, 276: 5647-5664.

24) E. Liebau, K. F. Dawood, R. Fabrini, L. Fischer-Riepe, M. Prebandt, L. Stella, J. Z. Pedersen, A. Bocedi, P. Petrarca, G. Federici and G. Ricci.
Tetramerization and cooperativity in plasmodium falciparum *glutathione transferase are mediated by the atypic loop 113-119.*
J. Biol. Chem., 2009; 284: 22133-22139.

25) B. Orioni, G. Bocchinfuso, J. Y. Kim, A. Palleschi, G. Grande, S. Bobone, Y. Park, J. I. Kim, K. S. Hahm and L. Stella.
Membrane perturbation by the antimicrobial peptide PMAP-23: a fluorescence and molecular dynamics study.
Biochim. Biophys. Acta, 2009, 1788: 1523-1533

26) G. Bocchinfuso, A. Palleschi, B. Orioni, G. Grande, F. Formaggio, C. Toniolo, Y. Park, K.S. Hahm and L. Stella.
Different mechanisms of action of antimicrobial peptides: insights from fluorescence spectroscopy experiments and molecular dynamics simulations.
J. Pept. Sci. 2009, 15: 550-558.
Winner of the Best Paper Award 2011.

27) A. E. Islas-Rodriguez, L. Marcellini, B. Orioni, D. Barra, L. Stella and M. L. Mangoni
Esculentin 1-21: a linear antimicrobial peptide from frog skin with inhibitory effect on bovine mastitis-causing bacteria.
J. Pept. Sci. 2009, 15: 607-614.

28) M. De Zotti, B. Biondi, F. Formaggio, C. Toniolo, L. Stella, Y. Park, and K. S-Hahm.
Trichogin GA IV: an antibacterial and protease-resistant peptide.
J. Pept. Sci. 2009, 15: 615-619.

29) E. Gatto, L. Stella, C. Baldini, C. Toniolo, F. Formaggio and M. Venanzi,
Photocurrent generation in peptide-based self-assembled monolayers on gold electrodes,
Superlattices and Microstructures, 2009, 46: 34-39.

30) M. Venanzi, G. Bocchinfuso, E. Gatto, A. Palleschi, L. Stella, F. Formaggio and C. Toniolo,
Metal binding properties of fluorescent analogues of Trichogin GA IV: a conformational study by time-resolved spectroscopy and molecular mechanics investigations.
ChemBioChem, 2009, 10: 91-97

31) L. Stella, A. L. Capodilupo, M. Bietti,
A reassessment of the association between azulene and [60]fullerene. Possible pitfalls in the determination of binding constants through fluorescence spectroscopy.
Chem. Commun., 2008, 4744-4746.

32) X. Le Guevel, S. Schutzmann, L. Stella, F. De Matteis, P. Prosposito, M. Casalboni.
Effect of titania content on the optical properties of dye-doped hybrid sol-gel coatings.
Optical Materials, 2008, 31: 451-454.

33) E. Gatto, A. Porchetta, L. Stella, I. Guryanov, F. Formaggio, C. Toniolo, B. Kaptein, Q. B. Broxterman, and M. Venanzi.
Conformational Effects on the Electron Transfer Efficiency in Peptide Foldamers Based on α,α-Disubstituted Glycyl Residues
Chem. Biodivers., 2008, 5: 1263-1278.

34) S. Martinelli, P. Torreri, M. Tinti, L. Stella, G. Bocchinfuso, E. Flex, A. Grottesi, M. Ceccarini, A. Palleschi, G. Cesareni, L. Castagnoli, T.C. Petrucci, B.D. Gelb, and M. Tartaglia
Diverse driving forces underlie the invariant occurrence of the T42A, E139D, I282V and T468M SHP2 amino acid substitutions causing Noonan and LEOPARD syndromes.
Hum. Mol. Gen., 2008, 17: 2018-29.

35) E. Flex, V. Petrangeli, L. Stella, S. Chiaretti, T. Hornakova, L. Knoops, C. Ariola, V. Fodale, E. Clappier, F. Paoloni, S. Martinelli, A. Fragale, M. Sanchez, S. Tavolaro, M. Messina, G. Cazzaniga, B. Rotoli, A. Camera, G. Pizzolo, A. Tornesello, M. Vignetti, A. Battistini, H. Cavé, B. D. Gelb, J. C. Renauld, A. Biondi, S. Costantinescu, R. Foà, and M. Tartaglia.
Somatically acquired JAK1 mutations in adult acute lymphoblastic leukemia.
J. Exp. Medicine, 2008, 205:751-8.

36) S-C Park, M-H Kim, M. A. Hossain, S-Y Shin, Y. Kim, L. Stella , J. D. Wade, Y. Park, K-S Hahm.
Amphipathic α-helical peptide, HP (2–20), and its analogues derived from Helicobacter pylori: Pore formation mechanism in various lipid compositions.
Biochim. Biophys. Acta, 2008, 1778: 229-241.

37) E. Gatto, L. Stella, F. Formaggio, C. Toniolo, L. Lorenzelli, and M. Venanzi.
Electroconductive and photocurrent generation properties of self-assembled monolayers formed by functionalized, conformationally-constrained, peptides on gold electrodes.
J. Pept. Sci., 2008, 14: 184-191.

38) E. Gatto, M. Venanzi, A. Palleschi, L. Stella, B. Pispisa, L. Lorenzelli, C. Toniolo, F. Formaggio, G. Marletta.
Self-assembled peptide monolayers on interdigitated gold microelectrodes.
Mat. Sci. Eng. C., 2007, 27: 1309 - 1312.

39) L. Stella, M. Burattini, C. Mazzuca, A. Palleschi, M. Venanzi, C. Baldini, F. Formaggio, C. Toniolo, and B. Pispisa
Alamethicin interaction with lipid membranes: a spectroscopic study on synthetic analogues.
Chem. Biodivers., 2007, 4: 1299 - 1312.

40) L. Stella, V. Pallottini, S. Moreno, S. Leoni, F. De Maria, P. Turella, G. Federici, R. Fabrini, K. F. Dawood, M. Lo Bello, J. Z. Pedersen and G. Ricci.
Electrostatic association of glutathione transferase to the nuclear membrane.
J. Biol. Chem., 2007, 282: 6372 - 6379.

41) G. Bocchinfuso, L. Stella, S. Martinelli, E. Flex, C. Carta, F. Pantaleoni, B. Pispisa, M. Venanzi, M. Tartaglia, A. Palleschi
Structural and functional effects of disease-causing amino acid substitutions affecting residues ala72 and glu76 of the protein tyrosine phosphatase Shp-2.
Proteins Struct. Funct. Bioinf., 2007, 66: 963-974.

42) E. Gatto, C. Mazzuca, L. Stella, M. Venanzi, C. Toniolo, B. Pispisa
Effect of peptide lipidation on membrane perturbing activity: a comparative study on two trichogin analogues
J. Phys Chem. B., 2006, 110: 22813-22818.

43) M. Venanzi, E. Gatto, G. Bocchinfuso, A. Palleschi, L. Stella, C. Baldini, F. Formaggio, C. Toniolo.
Peptide folding dynamics: a time-resolved study from the nanosecond to the microsecond time regime.
J. Phys. Chem. B, 2006, 110: 22834-22841.

44) C. Carta, F. Pantaleoni, G. Bocchinfuso, L. Stella, I. Vasta, A. Sarkozy, C. Digilio, A. Palleschi, A. Pizzuti, P. Grammatico, G. Zampino, B. Dallapiccola, B. D. Gelb, M, Tartaglia.
Germline missense mutations affecting KRAS isoform B are associated with a severe Noonan syndrome phenotype.
Am. J. Hum. Gen., 2006, 79: 129-35.

45) G. Pace, M. Venanzi, P. Castrucci, M. Scarselli, M. De Crescenzi, A. Palleschi, L. Stella, F. Formaggio, C. Toniolo, G. Marletta.
Static and dynamic features of a helical hexapeptide chemisorbed on a gold surface.
Mat. Sci. Eng. C., 2006 26: 918-923.

46) M. Venanzi, G. Pace, A. Palleschi, L. Stella, P. Castrucci, M. Scarselli, M. De Crescenzi, F. Formaggio, C. Toniolo, G. Marletta.
Densely-packed self-assembled monolayers on gold surfaces from a conformationally constrained helical hexapeptide.
Surf. Sci., 2006, 600: 409-416.

47) M. Tartaglia, S. Martinelli, L. Stella, G. Bocchinfuso, E. Flex, V. Cordeddu, G. Zampino, I. van der Burgt, A. Palleschi, T. C. Petrucci, M. Sorcini, C. Schoch, R. Foà, P. D. Emanuel, B. D. Gelb.
Diversity and functional consequences of germline and somatic PTPN11 mutations in human disease
Am. J. Hum. Gen., 2006, 78: 279-290.

48) M. Venanzi, E. Gatto, G. Bocchinfuso, A. Palleschi, L. Stella, F. Formaggio, C. Toniolo.
Dynamics of formation of a helix-turn-helix structure in a membrane-active peptide: a time-resolved spectroscopic study.
ChemBioChem (Communications), 2006, 7:43-45.

49) C. Mazzuca, L. Stella, M. Venanzi, F. Formaggio, C. Toniolo, B. Pispisa
Mechanism of membrane activity of the antibiotic trichogin GA IV: a two-state transition controlled by peptide concentration
Biophys. J. 2005 88: 3411–3421

50) E. Liebau, F. De Maria, C. Burmeister, M. Perbandt, P. Turella, G. Antonini, G. Federici, F. Giansanti, L. Stella, M. Lo Bello, A. M. Caccuri, G. Ricci
Cooperativity and Pseudo-Cooperativity in the Glutathione Transferase from Plasmodium falciparum
J. Biol. Chem. 2005 280:26121-8.

51) G. Ricci, F. De Maria, G. Antonini, P. Turella, A. Bullo, L. Stella, G. Filomeni_, G. Federici, and A. M. Caccuri
7-Nitro-2,1,3-benzoxadiazole Derivatives, a New Class of Suicide Inhibitors for Glutathione S-Transferases: Mechanism of Action of Potential Anticancer Drugs.
J. Biol. Chem. 2005 280: 26397–26405.

52) M. Venanzi, A. Valeri, A. Palleschi, L. Stella, L. Moroder, F. Formaggio, C. Toniolo, B. Pispisa.
Structural properties and photophysical behavior of conformationally constrained hexapeptides functionalized with a new fluorescent analog of tryptophan and a nitroxide radical quencher
Biopolymers, 2004, 75: 128–139.

53) L. Stella, C. Mazzuca, M. Venanzi, A. Palleschi, M. Didonè, F. Formaggio, C. Toniolo, and B. Pispisa.
Aggregation and water-membrane partition as major determinants of the activity of the antibiotic peptide Trichogin GA IV.
Biophys. J., 2004 86: 936–945.

54) B. Branchi, M. Bietti, G. Ercolani, M. A. Izquierdo, M. A. Miranda, and L. Stella
The role of aromatic radical cations and benzylic cations in the 2,4,6-triphenylpyrylium tetrafluoroborate photosensitized oxidation of ring-methoxylated benzyl alcohols in CH_2Cl_2 solution.
J. Org. Chem., 2004 69: 8874-8885.

55) B. Pispisa, C. Mazzuca, A. Palleschi, L. Stella, M. Venanzi, M. Wakselman, J. -P. Mazaleyrat, M. Rainaldi, F. Formaggio, C. Toniolo.
A combined spectroscopic and theoretical study of a series of conformationally restricted hexapeptides carrying a rigid binaphthyl-nitroxide donor-acceptor pair.
Chem. Eur. J. 2003, 9: 2-11.

56) B. Pispisa, C. Mazzuca, A. Palleschi, L. Stella, M. Venanzi, F. Formaggio, C. Toniolo, J. P. Mazaleyrat, M. Wakselman.
Spectroscopic properties and conformational features of short linear peptides in solution. A fluorescence and molecular mechanics investigation.
J. Fluoresc., 2003, 13 (2): 139-147.

57) F. De Maria, J. Z. Pedersen, A. M. Caccuri, G. Antonini, P. Turella, L. Stella, M. Lo Bello, G. Federici, G. Ricci.
The specific interaction of dinitrosyl-diglutathionyl-iron complex, a natural NO-carrier, with the glutathione transferase superfamily: suggestion for an evolutionary pressure in the direction of the storage of nitric oxide.
J. Biol. Chem., 2003, 278: 42283 - 42293.

58) G. Ricci, A. M. Caccuri, M. Lo Bello, M. W. Parker, M. Nuccetelli, P. Turella, L. Stella, E. E. Di Iorio, G. Federici.
Glutathione transferase P1-1: self-preservation of an anti-cancer enzyme.
Biochem. J., 2003, 376: 71–76.

59) C. Micaloni, G. K. W. Kong, A. P. Mazzetti, M. Nuccetelli, G. Antonini, L. Stella, W. J. McKinstry, G. Polekhina, J. Rossjohn, G. Federici, G. Ricci, M. W. Parker, M. Lo Bello.
Engineering a new C-terminal tail in the H-site of human glutathione transferase P1-1: structural and functional consequences.
J. Mol. Biol., 2003, 325: 111-122.

60) B. Pispisa, A. Palleschi, C. Mazzuca, L. Stella, A. Valeri, M. Venanzi, F. Formaggio, C. Toniolo and Q. B. Broxterman.
The versatility of combining FRET measurements and molecular mechanics results for determining the structural features of ordered peptides in solution.
J. Fluoresc., 2002, 12: 213-217.

61) B. Pispisa, C. Mazzuca, A. Palleschi, L. Stella, M. Venanzi, F. Formaggio, C. Toniolo and Q. B. Broxterman.
Structural features and conformational equilibria of 3_{10}-helical peptides in solution by spectroscopic and molecular mechanics studies.
Biopolymers (Biospectroscopy), 2002, 67: 247-250.

62) B. Pispisa, A. Palleschi, L. Stella, M. Venanzi, F. Formaggio, C. Toniolo, Q. B. Broxterman.
Effects of helical distortions on the optical properties of amide NH infrared absorption in short peptides in solution.
J. Phys. Chem. B, 2002, 106: 5733-5738.

63) L. Stella, M. Venanzi, M. Carafa, E. Maccaroni, M. E. Straccamore, G. Zanotti, A. Palleschi, B. Pispisa.
Structural features of model glycopeptides in solution and in membrane phase. A spectroscopic and molecular mechanics investigation.
Biopolymers, 2002, 64: 44-56.

64) M. Abundo, L. Accardi, N. Rosato, L. Stella.
Analysing protein energy data by a stochastic model for cooperative interactions: comparison and characterization of cooperativity.
J. Math. Biol., 2002, 44: 341-359.

65) M. Lo Bello, M. Nuccetelli, A. M. Caccuri, L. Stella, M. W. Parker, J. Rossjohn, W. J. McKinstry, A. F. Mozzi, G. Federici, F. Polizio, J. Z. Pedersen and G. Ricci.
Human glutathione transferase P1-1 and nitric oxide carriers: a new role for an old enzyme.
J. Biol. Chem., 2001, 276: 42138-42145.

66) B. Pispisa, C. Mazzuca, A. Palleschi, L. Stella, M. Venanzi, F. Formaggio, A. Polese, C. Toniolo.
Structural features of linear, (αMe)Val-based peptides in solution by photophysical and theoretical conformational studies.
Biopolymers, 2000, 55: 425-435.

67) B. Pispisa, L. Stella, M. Venanzi, A. Palleschi, A. Polese, F. Formaggio, C. Toniolo.
Structural features of linear, homo-Aib based peptides in solution. A spectroscopic and molecular mechanics investigation.
J. Pept. Res., 2000, 56: 298-306.

68) B. Pispisa, L. Stella, M. Venanzi, A. Palleschi, G. Zanotti.
Peptide-sandwiched protoporphyrin compounds mimicking hemoprotein structures in solution.
Biopolymers, 2000, 54: 127-136.

69) B. Pispisa, L. Stella, M. Venanzi, A. Palleschi, C. Viappiani, A. Polese, F. Formaggio, C. Toniolo.
Quenching mechanisms in bichromophoric, 3_{10}-helical Aib-based peptides, modulated by chain length-dependent topologies.
Macromolecules, 2000, 33: 906-915.

70) B. Pispisa, L. Stella, M. Venanzi, A. Palleschi, F. Marchiori, A. Polese, C. Toniolo.
A spectroscopic and molecular mechanics investigation on a series of Aib-based linear peptides and a peptide template, both containing tryptophan and a nitroxide derivative as probes.
Biopolymers, 2000, 53: 169-181.

71) L. Stella, G. Ricci and E. E. Di Iorio.
Conformational fluctuations in human π1-1 glutathione transferase: a molecular dynamics simulation.
Clinical Chemistry and Enzymology Communications, 2000 8: 285-288.

72) G. Ricci, A. M. Caccuri, M. Lo Bello, E. Di Iorio, M. Nicotra, M. Nuccetelli, L. Stella, G. Antonini, N. Rosato, G. Federici.
Enzymatic mechanism and molecular dynamics of glutathione transferase P1-1.
Clinical Chemistry and Enzymology Communications, 2000 8: 213-221.

73) B. Pispisa, L. Stella, M. Venanzi, A. Palleschi.
A spectroscopic and molecular modeling study on novel pseudopeptides exhibiting biological activity.
J. Pept. Res., 1999 54: 353-360.

74) B. Pispisa, M. Venanzi, L. Stella, A. Palleschi, G. Zanotti.
Photophysical and structural features of covalently bound peptide-protoporphyrin-peptide compunds carrying naphthalene chromophores.
J. Phys. Chem. B, 1999 103: 8172-8179.

75) L. Stella, M. Nicotra, G. Ricci, N. Rosato, E. E. Di Iorio.
Molecular dynamics simulations of human glutathione transferase P1-1: analysis of the induced-fit mechanism by GSH binding.
Proteins, Struct. Funct. Genet., 1999 37: 1-9.
Issue cover.

76) L. Stella, E. E. Di Iorio, M. Nicotra, G. Ricci.
Molecular dynamics simulations of human glutathione transferase P1-1: conformational fluctuations of the apo-structure.
Proteins, Struct. Funct. Genet., 1999 37: 10-19.

77) L. Stella, S. Melchionna.
Equilibration and sampling in molecular dynamics simulations of biomolecules.
J. Chem. Phys., 1998 109: 10115-10117.

78) B. Pispisa, A. Palleschi, L. Stella, M. Venanzi, C. Toniolo.
A nitroxide derivative as a probe for conformational studies of short linear peptides in solution. A spectroscopic and molecular mechanics investigation.
J. Phys. Chem. B, 1998 102: 7890-7898.

79) L. Stella, A. Caccuri, N. Rosato, M. Nicotra, M. Lo Bello, F. De Matteis, A. P. Mazzetti, G. Federici, G. Ricci.
Flexibility of helix 2 in the human glutathione transferase P1-1: time-resolved fluorescence spectroscopy.
J. Biol. Chem., 1998 273: 23267-23273.

80) M. Abundo, L. Accardi, L. Stella, N. Rosato.
A stochastic model for the cooperative relaxation of proteins, based on a hierarchy of interactions between amino acidic residues.
Math. Models Methods Appl. Sci., 1998 8:327-358.

81) S. Folcarelli, A. Battistoni, M. T. Carrì, F. Polticelli, M. Falconi, L. Nicolini, L. Stella, N. Rosato, G. Rotilio, A. Desideri.
Effect of Lys-Arg mutation on the thermal stability of Cu, Zn superoxide dismutase; influence on the monomer-dimer equilibrium.
Protein Engineering, 1996 9:323-325.

82) S. T. Ferreira, L. Stella, E. Gratton.
Conformational dynamics of bovine Cu, Zn superoxide dismutase revealed by time resolved fluorescence spectroscopy of the single tyrosine residue.
Biophys. J., 1994. 66: 1185-1196.

B. Review Articles, Book Chapters and Editorials:

1) L. Stella.
Book review: Yves Mély and Guy Duportail (Eds.): Fluorescent methods to study biological membranes.
Anal. Bioanal. Chem., 2013, 405: 5853-5854.

2) M. van de Weert and L. Stella.
Fluorescence quenching and ligand binding: a critical discussion of a popular methodology.
J. Mol. Struct., 2011, 998: 144-150.

3) L. Stella
Fluorescence quenching, lifetimes and fluorophore solvent accessibility
J. Chem. Educ., 2011, 88: 695-696.

4) G. Bocchinfuso, S. Bobone, A. Palleschi, L. Stella.
Fluorescence spectroscopy and molecular dynamics simulations in studies on the mechanism of membrane destabilization by antimicrobial peptides.
Cell. Mol. Life Sci., 2011, 68:2281-2301.

5) E. Benedetti, K. S. Hahm, and L. Stella.
Peptides at work: from structure to applications.
Editorial for the special issue dedicated to the 12th Naples Workshop on Bioactive Peptides and 2nd Italy-Korea Symposium on Antimicrobial Peptides.
J. Pept. Sci, 2011, 17, 297.

6) L. Stella, G. Bocchinfuso, E. Gatto, C. Mazzuca, M. Venanzi, F. Formaggio, C. Toniolo, A. Palleschi and B. Pispisa.
Peptide foldamers: from spectroscopic studies to applications.
in Reviews in Fluorescence 2008. C. D. Geddes (Ed.), Springer, New York, 2010, pp.405-424.

7) C. Toniolo, K. S Hahm, and L. Stella.
Editorial for the special issue dedicated to the 1st Italy-Korea Symposium on Antimicrobial Peptides.
J. Pept. Sci. 2009, 15: 549.

8) L. Stella, M. Venanzi, K. S. Hahm, F. Formaggio, C. Toniolo, B. Pispisa
Shining a light on peptide-membrane interactions. Fluorescence methods in the study of membrane-active peptides.
Chemistry Today 2008, 26 (suppl. 4): 44-46

9) L. Stella, M. Burattini, C. Mazzuca, A. Palleschi, M. Venanzi, C. Baldini, F. Formaggio, C. Toniolo, and B. Pispisa.
Alamethicin interaction with lipid membranes: a spectroscopic study on synthetic analogues.
in Peptaibiotics, C. Toniolo e H. Brückner, Wiley, 2008.

10) E. Gatto, A. Porchetta, L. Stella, I. Guryanov, F. Formaggio, C. Toniolo, B. Kaptein, Q. B. Broxterman, and M. Venanzi.
Conformational Effects on the Electron Transfer Efficiency in Peptide Foldamers Based on Cα,α-Disubstituted Glycyl Residues
in Peptaibiotics, C. Toniolo e H. Brückner, Wiley, 2008.

11) B. Pispisa, L. Stella, C. Mazzuca, M. Venanzi.
Trichogin topology and activity in model membranes as determined by fluorescence spectroscopy.
In Reviews in Fluorescence 2006, C. D. Geddes and J. R. Lakowicz (Eds.), Springer, New York, 2006. pp. 47-70.

12) M. Venanzi, A. Palleschi, L. Stella, B. Pispisa.
Peptide foldamers as building blocks for ordered nanomolecular architectures. A structural investigation
in "Molecular electronics: bio-sensors and bio-computers" (NATO Science Series, 96), L. Barsanti et al. (Eds.), Kluwer Academic Publishers (NL), 2003, pp. 237-254.

13) S. Cianfanelli, B. Pispisa, A. Palleschi, L. Stella, M. Venanzi.
De novo design of dimeric oligopeptides carrying Fe(III)-Protoporphyrin IX as template models of hemoproteins.
in "Recent research developments in protein engineering". Transworld Research Network, Trivandrum, India, 2002,
Vol. 2: pp 49-64.

14) B. Pispisa, A. Palleschi, L. Stella, M. Venanzi.
Determination of the structural features of ordered peptides in solution: effect of interprobe orientation in FRET measurementes.
in "Trends in photochemistry and photobiology". Research Trends, Trivandrum, India, 2001.
Vol. 8: pp 37-51.

15) N. Rosato, L. Stella and A. Di Venere.
Fluorescence spectroscopy.
in "Spectroscopic Techniques in Biophysics", G. M. Giacometti e G. Giacometti (Eds.). IOS Press (Amsterdam), 2001, pp. 73-88.

16) L. Stella.
Comparisons between time-resolved fluorescence experiments and computer simulations.
in "Spectroscopic Techniques in Biophysics", G. M. Giacometti e G. Giacometti (Editors). IOS Press (Amsterdam), 2001, pp. 89-103.

17) B. Pispisa, A. Palleschi, M. Venanzi, G. Zanotti, L. Stella.
A spectroscopic and structural investigation on model compounds of biomimetic systems in solution.
in "Recent research development in photochemistry and photobiology". Transworld Research Network, Trivandrum, India, 1999. S. G. Pandalai (Editor). Vol. 3 : pp. 11-34.

C. Proceedings of Meetings (*i.e.*, published full-length articles of meeting presentations which contain new data):

1) S. Bobone, Y. Gerelli, M. De Zotti, G. Bocchinfuso, A. Farrotti, B. Orioni, A. Palleschi, F. Sebastiani, E. Latter, J. Penfold, R. Senesi, F. Formaggio, C. Toniolo, G. Fragneto and L. Stella.
Membrane thickness and the mechanism of action of the short peptaibol trichogin GA IV
in Peptides 2012. Proceedings of th 32nd European Peptide Symposium. G. Kokotos, V. Constantinou-Kokotou, J. Matsoukas (Eds.), EPS (Athens), 2012 (ISBN 978-960-466-121-3), p. 138-139.
Abstract also in J. Pept. Sci. 2012, 18: S25-S26.

2) D. Roversi, L. Giordano, M. De Zotti, G. Bocchinfuso, A. Farrotti, S. Bobone, A. Palleschi, Y. Park, K.-S. Hahm, F. Formaggio, C. Toniolo, L. Stella
Membrane-perturbing effects of antimicrobial peptides: a systematic spectroscopic analysis
in Peptides 2012. Proceedings of th 32nd European Peptide Symposium. G. Kokotos, V. Constantinou-Kokotou, J. Matsoukas (Eds.), EPS (Athens), 2012 (ISBN 978-960-466-121-3), p. 166-167.
Abstract also in J. Pept. Sci. 2012, 18: S64

3) G. Bocchinfuso, A. Farrotti, A. Palleschi, B. Bechinger, L. Stella
"Minimum bias" molecular dynamics simulations to determine peptide orientation in membranes.
in Peptides 2012. Proceedings of th 32nd European Peptide Symposium. G. Kokotos, V. Constantinou-Kokotou, J. Matsoukas (Eds.), EPS (Athens), 2012 (ISBN 978-960-466-121-3), p. 170-171.
Abstract also in J. Pept. Sci. 2012, 18: S65.

4) E. Gatto, S. Lopez, L. Stella, G. Bocchinfuso, A. Palleschi, C. Serpa, F. Formaggio, C. Toniolo, M. Venanzi.
Monitoring peptide folding in membrane-active peptides: A time-resolved spectroscopic study.
in Peptides 2012. Proceedings of th 32nd European Peptide Symposium. G. Kokotos, V. Constantinou-Kokotou, J. Matsoukas (Eds.), EPS (Athens), 2012 (ISBN 978-960-466-121-3), p. 542-543.
Abstract also in J. Pept. Sci. 2012, 18: S164-S165.

5) M. Benedusi, A. Fasoli, S. Bobone, B. Orioni, M. De Zotti, F. Formaggio, C. Toniolo, L. Stella, G. Rispoli.
Single-Channel Properties of Peptides Inserted in Natural and Artificial Membranes
in Peptides: building bridges. The Proceedings of the 22nd American Peptide Symposium. M. Lebl, Ed., APS 2011, 258-259.
Abstract also in Biopolymers Pept. Sci. 2011, 96: 497

6) E. Gatto, G. Bocchinfuso, A. Palleschi, L. Stella, M. Venanzi, S. Oancea, M. De Zotti, F. Formaggio, C. Toniolo.
Structure, Dynamics and Bioactivity of Synthetic Analogues of the Antimicrobial Peptide Trichodecenin I
in Peptides: building bridges. The Proceedings of the 22nd American Peptide Symposium. M. Lebl, Ed., APS 2011, 256-257.
Abstract also in Biopolymers Pept. Sci. 2011, 96: 503-504.

7) L. Stella C. Mazzuca, B. Orioni, M. Coletta, F. Formaggio, C. Toniolo, G. Maulucci, M. De Spirito, B. Pispisa, M. Venanzi.
Fluctuations and the rate-limiting step of peptide-induced membrane leakage
In Peptides 2010: *Tales of Peptides*; *The Proceedings of the 31th European Peptide Symposium*,
M. Lebl, M. Meldal, K. J. Jensen, T. Hoeg-Jensen Eds., European Peptide Society (ISBN:0-9715560-5-9) 2010, 368-369.
Abstract also in J. Pept. Sci. 2010, 16: 137.
Honorable mention for the Bert L. Schram Poster Award

8) L. Marcellini, M. Borro, G. Gentile, L. Stella, D. Barra, M. L. Mangoni.
Effects of a Membrane-Active Amphibian Antimicrobial Peptide on the Bacterial Proteome.
Biophys. J. 2010: 276a.

9) L. Stella, S. Bobone, G. Bocchinfuso, A. Palleschi, J.-Y. Kim, Y. Park, K. S. Hahm,
Effect of helix kink on the activity and selectivity of an antimicrobial peptide
In *Tales of Peptides*: *The Proceedings of the 31th European Peptide Symposium*,
M. Lebl, M. Meldal, K. J. Jensen, T. Hoeg-Jensen Eds., European Peptide Society (ISBN:0-9715560-5-9) 2010, 370-371.
Abstract also in J. Pept. Sci. 2010, 16: 137.

10) L. Stella, S. Bobone, M. De Zotti, A. Bortolotti, G. Ballano, F. Formaggio, C. Toniolo.
Membrane insertion of para-cyanophenylalanine-labeled alamethicin analogues. Correlation of fluorescence and infrared absorption data.
In Peptides 2010: *Tales of Peptides*; *The Proceedings of the 31th European Peptide Symposium*,
M. Lebl, M. Meldal, K. J. Jensen, T. Hoeg-Jensen Eds., European Peptide Society (ISBN:0-9715560-5-9) 2010, 372-373.
Abstract also in J. Pept. Sci. 2010, 16: 138.

11) C. Toniolo, M. Caruso, E. Placidi, E. Gatto, L. Stella, A. Palleschi, G. Bocchinfuso, F. Formaggio, and M. Venanzi
Optical Spectroscopy and Conformational Analysis of Peptide Aggregates. The Role of Aromatic Interactions and Conformational Flexibility
In Peptides 2010: *Tales of Peptides*; *The Proceedings of the 31th European Peptide Symposium*,
M. Lebl, M. Meldal, K. J. Jensen, T. Hoeg-Jensen Eds., European Peptide Society (ISBN:0-9715560-5-9) 2010, 582-583.
Abstract also in J. Pept. Sci. 2010, 16: 192

12) C. Baldini, C. Peggion, Fe. Formaggio, C. Toniolo, A. Toffoletti, C. Corvaja, J.-P. Mazaleyrat, K.Wright, J.-F.Lohier, M. Wakselman, B.Orioni, L. Stella, M. Venanzi.
Incorporation of a Novel, Fluorescent, and Helicogenic α-AminoAcid into Peptaibols: Trichogin GA IV.

In "Peptides for Youth", E. Escher, W. D. Lubell, S. Del Valle (Eds.), Adv. Exp. Med. Biol., 2009, 611: 287.
Abstract also in Biopolymers Pept. Sci. 2007, 88: 555

13) M. Venanzi, E. Gatto, G. Bocchinfuso, A. Palleschi, L. Stella, C. Baldini, F. Formaggio, C. Toniolo and B. Pispisa.
Monitoring Peptide Folding by Time-Resolved Spectroscopies: the Effect of a Single Gly to Aib Susbtitution
In "Peptides for Youth", E. Escher, W. D. Lubell, S. Del Valle (Eds.), Adv. Exp. Med. Biol., 2009, 611: 47-48.
Abstract also in Biopolymers Pept. Sci. 2007, 88: 556

14) M. Venanzi, E. Gatto, L. Stella, G. Bocchinfuso, A. Palleschi, F. Formaggio, C. Toniolo.
Antimicrobial Peptides Chelating Lanthanide Ions: the Case of Trichogin GA IV Analogues and Terbium(III)
In "Peptides for Youth", E. Escher, W. D. Lubell, S. Del Valle (Eds.), Adv. Exp. Med. Biol., 2009, 611: 43-44.
Abstract also in Biopolymers Pept. Sci. 2007, 88: 551.

15) C. Toniolo, M. De Zotti, F. Formaggio, L. Stella, M. H. Kim, Y. Park, K. S. Hahm
Antibacterial activity and resistance to proteolytic degradation of trichogin GA IV and selected analogues.
"Peptides 2008", H. Lakkinen (Ed.) FIPS & EPS, 2009; pp. 308-309.
Abstract also in J. Pept Sci. 2008, 14: 106

16) E. Gatto, L. Stella, F. Formaggio, C. Toniolo, and M. Venanzi
Photocurrent Generation in Peptide-based Self-Assembled Monolayers Functionalized with Electron Transfer Antenna Chromophores.
"Peptides 2008", H. Lakkinen (Ed.) FIPS & EPS, 2009; pp. 430-431.
Abstract also in J. Pept Sci. 2008, 14: 34

17) L. Stella, G. Bocchinfuso, G. Grande, B. Orioni, M. Venanzi, J.Y. Kim, Y. Park, K.S. Hahm, M. De Zotti, F. Formaggio, C. Toniolo, and A. Palleschi
Determining the location of antimicrobial peptides inside lipid bilayers by combined fluorescence spectroscopy and molecular dynamics simulations.
"Peptides 2008", H. Lakkinen (Ed.) FIPS & EPS, 2009; pp. 652-653.
Abstract also in J. Pept Sci. 2008, 14: 176

18) E. Gatto, L. Stella, G. Bocchinfuso, A. Palleschi, F. Formaggio, C. Toniolo, and M. Venanzi
Trichogin GA IV is able to bind Ca(II) and lanthanide ions.
"Peptides 2008", H. Lakkinen (Ed.) FIPS & EPS, 2009; pp. 338-339.
Abstract also in J. Pept Sci. 2008, 14: 104

19) E. Gatto, M. Venanzi, L. Stella, L. Lorenzelli, F. Formaggio, C. Toniolo, G. Marletta.
Photocurrent Generation by Self-Assembled Peptide Monolayers on Interdigitated Gold Microelectrodes.
in "Peptides 2006". K. Rolka, P. Rekowski, J. Silberring (Eds.), EPS, Kenes 2007, pp. 98-99.
Abstract also in J. Pept. Sci 2006 12: 643

20) E. Gatto, L. Stella, G. Bocchinfuso, A. Palleschi, M. E. Palleschi, F. Formaggio, C. Toniolo, M. Venanzi.
Engineering Bioinspired Luminescent Probes: Antimicrobial Peptides Chelating Lanthanide Ions.
in "Peptides 2006", K. Rolka, P. Rekowski, J. Silberring (Eds.), EPS, Kenes 2007, pp. 96-97.
Abstract also in J. Pept. Sci 2006 12: 229

21) F. Formaggio, I. Guryanov, C. Toniolo, Q.B. Broxterman, B. Kaptein, E. Gatto, A. Palleschi, L. Stella, M. Venanzi.
Directional Electron Transfer in Conformationally Constrained , 3-10 Helical, Oligopeptides.
in "Peptides 2006", K. Rolka, P. Rekowski, J. Silberring (Eds.), EPS, Kenes 2007, pp 94-95.
Abstract also in J. Pept. Sci 2006 12: 102.

22) L. Stella, M. Burattini, C. Mazzuca, A. Palleschi, M. Venanzi, C. Peggion, C. Toniolo
Alamethicin interaction with lipid membranes: a spectroscopic study on synthetic analogs
in Understanding Biology Using Peptides, S. E. Blondelle (Ed.), APS, Springer, 2006. pp 281-282.
Abstract also in Biopolymers Pept Sci 2005, 80: 542.

23) L. Stella, G. Bocchinfuso, E. Gatto, A. Palleschi, M. Venanzi, D. Zavallone, A. Bettio, F. Formaggio, C. Toniolo, B. Pispisa
Intramolecular triplet quenching by nitroxide radicals as a tool for determining peptide secondary structure in solution.
in Understanding Biology Using Peptides, S. E. Blondelle (Ed.), APS, Springer, 2006. pp 603-604.
Abstract also in Biopolymers Pept Sci 2005, 80: 581.

24) B. Pispisa, E. Gatto, G. Bocchinfuso, A. Palleschi, L. Stella, M. Venanzi, F. Formaggio, C. Toniolo
A time resolved spectroscopic study on peptide folding.
in Understanding Biology Using Peptides, S. E. Blondelle (Ed.), APS, Springer, 2006. pp 605-606.
Abstract also in Biopolymers Pept Sci 2005, 80: 581

25) C. Mazzuca, L. Stella, M. Venanzi, J.Z. Pedersen, L. Moroder, M. Didonè, F. Formaggio, C. Toniolo, B. Pispisa
Membrane topology and mechanism of pore formation of the antibiotic lipopeptaibol Trichogin GA IV.
In "Peptides 2004: Bridges Between Disciplines", M. Flegel, M. Fridkin, C. Gilon and J. Slaninova (Eds.) Kenes International (Israel), 2005, pp 507-508
Abstract also in J. Pept. Sci 2004, 10: 179

26) G. Pace, L. Stella, M. Venanzi, M. De Crescenzi, G. Marletta, C. Satriano, F. Formaggio, C. Toniolo, and B. Pispisa
Peptide Self-Assembled Monolayers on a Gold Surface.
In "Peptides 2004: Bridges Between Disciplines", M. Flegel, M. Fridkin, C. Gilon and J. Slaninova (Eds.) Kenes International (Israel), 2005, pp 1083-1084.
Abstract also in J. Pept. Sci 2004, 10: 282

27) Gatto E, Mazzuca C, Stella L, Venanzi M, Palleschi A, Formaggio F, Toniolo C, Pispisa B
Structural studies in solution of fluorescent analogues of trichogin GAIV by spectroscopy and molecular mechanics.
In "Peptides 2004: Bridges Between Disciplines", M. Flegel, M. Fridkin, C. Gilon and J. Slaninova (Eds.) Kenes International (Israel), 2005.
Abstract in J. Pept. Sci 2004, 10: 183

28) B. Pispisa, L. Stella, M. Venanzi, A. Palleschi, M. Wakselman, J. P. Mazaleyrat, F. Formaggio, C. Toniolo.
A structural study of a series of conformationally restricted hexapeptides.
in "Peptide Revolution: Genomics, Proteomics & Therapeutics", M. Chorev and T. K. Sawyer (Eds.), APS, 2004. pp. 445-446.
Abstract also in Biopolymers Pept. Sci 2003, 71: 324

29) B. Pispisa, L. Stella, M. Venanzi, A. Palleschi, M. Wakselman, J. P. Mazaleyrat, F. Formaggio, C. Toniolo.
Fluorescent analogs of trichogin GA IV: a new insight into the mechanism of membrane permeabilization.
in "Peptide Revolution: Genomics, Proteomics & Therapeutics", M. Chorev and T. K. Sawyer (Eds.), APS, 2004. pp. 879-880.
Abstract also in Biopolymers Pept. Sci 2003, 71: 389

30) L. Stella, M. Venanzi, A. Palleschi, A. Canini, M. Carafa, G. Zanotti, B. Pispisa.
Structural studies of glycopeptide-membrane association.
in "Peptides 2002", E. Benedetti e C. Pedone (Eds.) Edizioni Ziino (IT), 2003, pp. 896-897
Abstract also in J. Pept. Sci. 2002, 8: S204

31) L. Stella, C. Mazzuca, A. Palleschi, M. Venanzi, F. Formaggio, C. Toniolo, L. Moroder, B. Pispisa.
Mechanism of membrane permeabilization by the lipopeptaibol trichogin GAIV and its fluorescent analogues.
in "Peptides 2002", E. Benedetti e C. Pedone (Eds.) Edizioni Ziino (IT), 2003, pp. 894-895
Abstract also in J. Pept. Sci. 2002, 8: S76.

32) M. Venanzi, A. Palleschi, L. Stella, A. Valeri, F. Formaggio, C. Toniolo, L. Moroder, B. Pispisa.
Structural features of linear peptides in solution carrying new fluorescent analogues of tryptophan.
in "Peptides 2002", E. Benedetti e C. Pedone (Eds.) Edizioni Ziino (IT), 2003, pp. 912-913
Abstract also in J. Pept. Sci. 2002, 8: S199.

33) B. Pispisa, C. Mazzuca, L. Stella, M. Venanzi, A. Palleschi, F. Formaggio, C. Toniolo and Q. B. Broxterman.
Structural features of short, linear peptides in solution by fluorescence and molecular mechanics studies.
in "Peptides: The Wave of the Future", M. Lebl e R. A. Houghten (Editors), American Peptide Society, San Diego (U.S.A.), 2001, pp 328-329.