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**ELENCO DELLE PUBBLICAZIONI**

**1. S. Mammi**

Interazioni tra Peptidi Gastrinici e Ioni Calcio. *Chim. e Ind.*, **64**, 685 (1982).

**2. L. Michielin, S. Mammi, and E. Peggion**

Macromolecularization of a Tripeptide Analog of the Cu(II) Binding Site of Human Serum Albumin. I. Synthesis, Conformation and Binding Properties of a Gly-Gly-His Derivative of Poly(L-Lysine). *Biopolymers*, **22**, 2325-2329 (1983) & **23**, 985 (1984).

**3. E. Peggion, S. Mammi, M. Palumbo, L. Moroder, and E. Wünsch**

Interaction of Calcium Ions with Peptide Hormones of the Gastrin Family. *Biopolymers*, **22**, 2443-2457 (1983).

**4. E. Peggion, S. Mammi, L. Moroder, and E. Wünsch**

Interaction of Ca<sup>++</sup> Ions with Peptide Hormones of the Gastrin Family. A CD Study on Nle<sup>11</sup>-HG-13 and Nle<sup>15</sup>-HG-17. In "*Peptides: Structure and Function*", Proceedings of the VIII American Peptide Symposium, V.J. Hruby and D.M. Rich Eds., Pierce Chem. Co., Rockford, Illinois pp 507-510 (1983).

**5. E. Peggion, S. Mammi, M. Palumbo, L. Moroder, and E. Wünsch**

Interaction of Metal Ions with Gastrointestinal Hormones. Binding Studies of Mg<sup>++</sup> to Biologically Active Analogs of Little Gastrin and Minigastrin. *Biopolymers*, **23**, 1225-1240 (1984).

**6. E. Peggion, M.T. Foffani, E. Wünsch, L. Moroder, G. Borin, M. Goodman, and S. Mammi**

Conformational Properties of Gastrin Fragments of Increasing Chain Length. *Biopolymers*, **24**, 647-666 (1985).

**7. M. Goodman, Y.V. Venkatachalapathi, S. Mammi, and R. Katakai**

A Guest-Host Approach to Oligodepsipeptide Structure. *Suppl. J. Biosci.*, **8**, 223-238 (1985).

**8. M.T. Foffani, S. Mammi, L. Michielin, and E. Peggion**

Macromolecularization of a Tripeptide Analogue of the Cu(II) Binding Site of Human Serum Albumin. 2. Conformational and Binding Properties towards Cu(II) and Ni(II) Ions of Gly-Gly-His Derivatives of Poly(L-Lysine). *Int. J. Biolog. Macromolecules*, **7**, 370-378 (1985).

**9. M.T. Foffani, E. Peggion, S. Mammi, M. Goodman, G. Bovermann, L. Moroder, and E. Wünsch**

Conformational Properties of Gastrin Related Peptides. In "*Peptides: Structure and Function*", Proceedings of the IX American Peptide Symposium, C.M. Deber, V.J. Hruby and K.D. Kopple Eds., Pierce Chem. Co., Rockford, Illinois pp 587-590 (1985).

**10. E. Peggion, M.T. Foffani, E. Wünsch, L. Moroder, M. Goodman, and S. Mammi**

Interaction of Calcium Ions with Gastrin Fragments of Increasing Chain Length. *Biopolymers*, **25**, 135-152 (1986).

11. **S. Mammi**, M. Goodman, E. Peggion, M.T. Foffani, L. Moroder, and E. Wünsch  
Conformational Studies on Gastrin Related Peptides by High Resolution  $^1\text{H-NMR}$ . *Int. J. Pept. Protein Res.*, **27**, 145-152 (1986).
12. **S. Mammi** and M. Goodman  
Polydepsipeptides. 13. Synthesis and  $^1\text{H-NMR}$  Analysis of Collagen Model Structures. *Int. J. Pept. Protein Res.*, **28**, 29-44 (1986).
13. N. Mammi, **S. Mammi**, E. Peggion, L. Moroder, G. Bovermann, and E. Wünsch  
Surfactant Induced Ordered Structures of Gastrin Related Peptides. In: "*Peptides 1986*", Proceedings of the European Peptide Symposium, D. Theodoropoulos Ed., Walter de Gruyter, Berlin and New York, pp 361-364 (1987).
14. **S. Mammi**, N.J. Mammi, M.T. Foffani, E. Peggion, L. Moroder, and E. Wünsch  
Conformation of Human Little Gastrin and Minigastrin Analogs in Surfactant Solution. *Biopolymers*, **26**, S1-S10 (1987).
15. **S. Mammi**  
Studi Conformazionali su Peptidi Gastrinici. Tesi di Dottorato di Ricerca (1988).
16. **S. Mammi**, N.J. Mammi, and E. Peggion  
Conformational Studies of Human Des-Trp<sup>1</sup>,Nle<sup>12</sup>-minigastrin in Water-Trifluoroethanol Mixtures by  $^1\text{H NMR}$  and Circular Dichroism. *Biochemistry*, **27**, 1374-1379 (1988).
17. N.J. Mammi, **S. Mammi**, and E. Peggion  
 $^1\text{H-NMR}$  and CD Studies of Des-Trp<sup>1</sup>,Nle<sup>12</sup>-Minigastrin in  $\text{H}_2\text{O/TFE}$ . In "*Peptides: Chemistry and Biology*", Proceedings of the X American Peptide Symposium, G.R. Marshall Ed., ESCOM, Leiden, The Netherlands pp 79-80 (1988).
18. **S. Mammi**  
A Microcomputer Program to Calculate Elemental Analysis of Peptides. *Comput. Meth. Programs Biomed.*, **28**, 119-120 (1989).
19. **S. Mammi**, M.T. Foffani, E. Peggion, R. Magous, J.C. Galleyrand, J.P. Bali, M. Simonetti, W. Göring, L. Moroder, and E. Wünsch  
Conformational and Biological Properties of the Ala<sup>10</sup>-Analog of Human Des-Trp<sup>1</sup>,Nle<sup>12</sup>-minigastrin. *Biochemistry*, **28**, 7182-7188 (1989).
20. F. Filira, L. Biondi, B. Scolaro, M.T. Foffani, **S. Mammi**, E. Peggion, and R. Rocchi  
Solid Phase Synthesis and Conformation of Sequential Glycosylated Polytripeptide Sequences Related to Antifreeze Glycoproteins. *Int. J. Biolog. Macromolecules*, **12**, 41-49 (1990).
21. **S. Mammi**, H. Molinari, and E. Peggion  
Proton Detected  $^{15}\text{N NMR}$  Studies of Little Gastrin. In "*Peptides: Chemistry, Structure and Biology*", Proceedings of the XI American Peptide Symposium, J.E. Rivier and G.R. Marshall Eds., ESCOM, Leiden, The Netherlands pp 628-629 (1990).

22. E. Bairaktari, C.A. Bewley, **S. Mammi**, and E. Peggion  
Conformational Studies on Bombolitin III in Aqueous Solution and in the Presence of Surfactant Micelles. In "*Peptides: Chemistry, Structure and Biology*", Proceedings of the XI American Peptide Symposium, J.E. Rivier and G.R. Marshall Eds., ESCOM, Leiden, The Netherlands pp 578-581 (1990).
23. **S. Mammi** and E. Peggion  
Conformational Studies of Human [15-2-Aminohexanoic acid] Little Gastrin in Sodium Dodecyl Sulfate Micelles by <sup>1</sup>H NMR. *Biochemistry*, **29**, 5265-5269 (1990).
24. E. Bairaktari, D.F. Mierke, **S. Mammi**, and E. Peggion  
Observation of a Cis Amide Isomer within a Linear Peptide. *J. Am. Chem. Soc.*, **112**, 5383 (1990).
25. K. Amonraksa, M. Simonetti, S. Da Rin-Fiochetto, **S. Mammi**, and E. Peggion  
Synthesis and <sup>1</sup>H-NMR Studies of α-Deuterated Analogs of Des-Trp<sup>1</sup>,Nle<sup>12</sup> Human Minigastrin. *Biopolymers*, **90**, 847-854 (1990).
26. H. Molinari and **S. Mammi**  
<sup>15</sup>N Reverse Detection of Little Gastrin in Micelle Solution. *J. Magn. Reson.*, **90**, 355-358 (1990).
27. E. Bairaktari, D.F. Mierke, **S. Mammi**, and E. Peggion  
Conformational Studies by Circular Dichroism, <sup>1</sup>H NMR, and Computer Simulations of Bombolitins I and III in Aqueous Solution Containing Surfactant Micelles. *Biochemistry*, **29**, 10090-10096 (1990).
28. E. Bairaktari, D.F. Mierke, **S. Mammi**, and E. Peggion  
Conformations of Bombolitins I and III in Aqueous Solutions. Circular Dichroism, <sup>1</sup>H NMR, and Computer Simulations Studies. *Biochemistry*, **29**, 10097-10102 (1990).
29. E. Peggion, M.T. Foffani, and **S. Mammi**  
Structure-Function Relationship of Gastrin Hormones. A Rational Approach to Drug Design. In "*Biorganic Chemistry in Health-Care and Technology*", U.K. Pandit and R.C. Alderweireldt Eds., Plenum Press, London, England, pp 121-133 (1991).
30. G. Giacometti, D. Carbonera, A. Venzo, and **S. Mammi**  
Objective Assignment of Proton NMR Spectrum of Chlorophyll-a. *Gazz. Chim. Ital.*, **121**, 457-459 (1991).
31. **S. Mammi**, M.T. Foffani, S. Improta, M. Tessari, E. Schievano and E. Peggion  
Conformation of Uteroglobin Fragments. *Biopolymers*, **32**, 341-346 (1992).
32. **S. Mammi**  
A BASIC Program to Calculate the Evolution of Cartesian Product Operators. *Bull. Magn. Reson.*, **14**, 259-262 (1992).

33. F. Formaggio, M. Pantano, G. Valle, M. Crisma, G.M. Bonora, **S. Mammi**, E. Peggion, C. Toniolo, W.H.J. Boesten, H.E. Schoemaker and J. Kamphuis  
Structural Versatility of Peptides from C $\alpha$ , $\alpha$ -Disubstituted Glycines. Synthesis, Characterization and Solution and Crystal-State Conformational Analysis of Homopeptides from C $\alpha$ -Methyl-C $\alpha$ -isopropylglycine, [( $\alpha$ Me)Val]. *Macromolecules*, **26**, 1848-1852 (1993).
34. M. Pantano, F. Formaggio, M. Crisma, G.M. Bonora, **S. Mammi**, E. Peggion, C. Toniolo, W.H.J. Boesten, Q.B. Boxterman, H.E. Schoemaker and J. Kamphuis  
Structural Versatility of Peptides from C $\alpha$ , $\alpha$ -Disubstituted Glycines. Synthesis, Characterization and Solution Conformational Analysis of Homopeptides from C $\alpha$ -Methyl-C $\alpha$ -benzylglycine, [( $\alpha$ -Me)Phe]<sub>n</sub>. *Macromolecules*, **26**, 1980-1984 (1993).
35. R. Battistutta, A. Bisello, **S. Mammi**, and E. Peggion  
Circular Dichroism and <sup>1</sup>H-NMR Studies on Bombolitin-Related Peptides in Aqueous Solution Containing SDS Micelles. In "*Peptides 1992*", Proceedings of the 22<sup>nd</sup> European Peptide Symposium, C.H. Schneider and A.N. Eberle Eds., ESCOM, Leiden, The Netherlands pp 525-526 (1993).
36. F. Formaggio, L. Pirrone, V. Monaco, M. Crisma, G.M. Bonora, **S. Mammi**, E. Peggion, and C. Toniolo  
On the Lipopeptaibol Trichogin A IV: Synthesis, Conformation and Bioactivity. In "*Peptide Chemistry*", Proceedings of the 2<sup>nd</sup> Japan Symposium on Peptide Chemistry, N. Yanaihara Ed., ESCOM, Leiden, The Netherlands pp 202-203 (1993).
37. R. Rocchi, L. Biondi, F. Cavaggion, F. Filira, M. Gobbo, **S. Mammi**, B. Scolaro, and T. Piek  
Linear and Cyclic Kinin Analogues. In "*Peptide Chemistry*", Proceedings of the 2<sup>nd</sup> Japan Symposium on Peptide Chemistry, N. Yanaihara Ed., ESCOM, Leiden, The Netherlands pp 479-481 (1993).
38. M. Tessari, M.T. Foffani, **S. Mammi**, and E. Peggion  
Conformation and Interactions of Uteroglobulin Fragments 4-14 and 49-65 in Aqueous Solution Containing Surfactant Micelles. *Biopolymers*, **33**, 1877-1887, (1993).
39. F. Formaggio, G. Valle, M. Crisma, M. Pantano, **S. Mammi**, E. Peggion, C. Toniolo, G. Précigoux, G. Sulzenbacher, W.H.J. Boesten, H.E. Schoemaker and J. Kamphuis  
( $\alpha$ Me)Val and ( $\alpha$ Me)Phe Peptides Fold into Turns and Helices of Opposite Handedness. In "*Peptides - Biology and Chemistry*", Proceedings of the 1992 Chinese Peptide Symposium, Y. Du, J.P. Tam and Y. Zhang Eds., ESCOM, Leiden, The Netherlands pp 221-222 (1993).
40. S. Improta, A. Pastore, **S. Mammi**, and E. Peggion  
Conformation and Molecular Dynamics Calculations of Uteroglobulin Fragment 18-47. *Biopolymers*, **34**, 773-782, (1994).
41. G. Signor, **S. Mammi**, E. Peggion, H. Ringsdorf, and A. Wagenknecht  
Interaction of Bombolitin III with Phospholipid Monolayers and Liposomes and Effect on the Activity of Phospholipase A<sub>2</sub>. *Biochemistry*, **33**, 6659-6670, (1994).

42. E. Peggion, R. Battistutta, A. Bisello, **S. Mammi**, and S. Sala  
Conformational Studies on Bombolitin III-Related Peptides in Aqueous Solution Containing SDS. In "*Peptides: Chemistry, Structure and Biology*", Proceedings of the XIII American Peptide Symposium, R.S. Hodges and J.A. Smith Eds., ESCOM, Leiden, The Netherlands pp 810-811 (1994).
43. R. Battistutta, A. Bisello, **S. Mammi**, and E. Peggion  
Conformation of Retro-Bombolitin I in Aqueous Solution Containing Surfactant Micelles. *Biopolymers*, **34**, 1535-1541, (1994).
44. S. Pegoraro, P. Rovero, S. Viganò, R. Revoltella, S. Fiori, **S. Mammi**, and E. Peggion  
Conformational Studies of Peptide Fragments of Human GM-CSF. In "*Peptides 1994*", Proceedings of the 23<sup>rd</sup> European Peptide Symposium, H.L.S. Maia Ed., ESCOM, Leiden, The Netherlands pp 533-534 (1995).
45. R. Battistutta, A. Pastore, **S. Mammi**, and E. Peggion  
Conformational Properties of the Amphipathic Lytic Polypeptide Bombolitin II. A CD, NMR and Computer Simulation Study. *Macromol. Chem. Phys.*, **196**, 2827-2841 (1995).
46. M. Pellegrini, **S. Mammi**, M. Gobbo, R. Rocchi, and E. Peggion  
Conformation of Cyclobradykinin by NMR and Distance Geometry Calculations. *Biopolymers*, **36**, 461-472 (1995).
47. M. Chorev, M. Gurrath, V. Behar, **S. Mammi**, A. Tonello, and E. Peggion  
Conformation and Interactions of Bombolitin I Analogs with SDS Micelles and Phospholipid Vesicles. CD, Fluorescence, Two-Dimensional NMR and Computer Simulations. *Biopolymers*, **36**, 473-484 (1995).
48. M. Chorev, V. Behar, Q. Yang, M. Rosenblatt, **S. Mammi**, S. Maretto, M. Pellegrini, and E. Peggion  
Conformation of Parathyroid Hormone Antagonists by CD, NMR, and Molecular Dynamics Simulations. *Biopolymers*, **36**, 485-495 (1995).
49. A. Bisello, S. Sala, A. Tonello, G. Signor, E. Melotto, **S. Mammi**, and E. Peggion  
Conformation and Interactions of All-D, Retro-All-D, and Retro-Bombolitin III Analogues in Aqueous Solution and in the Presence of Detergent Micelles. *Int. J. Biolog. Macromolecules*, **17**, 273-282 (1995).
50. M. Chorev, A. Bisello, V. Behar, C. Nakamoto, M. Rosenblatt, S. Maretto, **S. Mammi**, and E. Peggion  
Conformational Studies of Analogs of Parathyroid Hormone Related Protein (PTHrP) Containing Lactam-bridged Side-chains. In "*Peptides: Chemistry, Structure and Biology*", Proceedings of the XIV American Peptide Symposium, P.T.P. Kaumaya and R.S. Hodges Eds., ESCOM, Leiden, The Netherlands pp 525-526 (1996).
51. M. Gurrath, A. Bisello, K. Bottazzo, C. Chung, **S. Mammi**, and E. Peggion  
Conformational Analysis of Neuropeptide Y Segments by CD, NMR Spectroscopy and Restrained Molecular Dynamics. *J. Pept. Sci.*, **2**, 176-193 (1996).

52. M. Pellegrini, **S. Mammi**, E. Peggion, and D. F. Mierke  
Threonine<sup>6</sup>-Bradykinin: Structural Characterization in the Presence of Micelles by Nuclear Magnetic Resonance and Distance Geometry. *J. Med. Chem.*, **40**, 92-98 (1997).
53. M. Pellegrini, M. Gobbo, R. Rocchi, E. Peggion, **S. Mammi** and D. F. Mierke  
Threonine<sup>6</sup>-Bradykinin: Conformational Study of a Flexible Peptide in Dimethyl Sulfoxide by NMR and Ensemble Calculations. *Biopolymers (Pept. Sci.)*, **40**, 561-569 (1997).
54. S. Maretto, **S. Mammi**, E. Bissacco, E. Peggion, A. Bisello, M. Rosenblatt, M. Chorev, and D.F. Mierke  
Mono- and Bicyclic Analogs of Parathyroid Hormone-Related Protein. 2. Conformational Analysis of Antagonists by CD, NMR, and Distance Geometry Calculations. *Biochemistry*, **36**, 3300-3307 (1997).
55. R. Fornasier, **S. Mammi**, F. Marcuzzi, M. Morandin and S. Moro  
Synthesis and Computational Study of a Capped Multifunctional Supramolecular Receptor: Heptakis-(6<sup>A</sup>,6<sup>C</sup>-4,4'-dicarboxyamido-2,2'-dipyridyl)-6<sup>A</sup>,6<sup>C</sup>-deoxy-6<sup>B</sup>,6<sup>D</sup>,6<sup>E</sup>,6<sup>F</sup>,6<sup>G</sup>-pentamino- $\beta$ -cyclodextrin. *Gazz. Chim. Ital.*, **127**, 63-67 (1997).
56. C. Cabrele, S. Furin, M. Gurrath, **S. Mammi**, E. Schievano, and E. Peggion  
Aggregation and Conformational Transition in Aqueous Solution of a Bombolitin III Analogue Containing a Photo-Reactive Side-Chain Group. *Biopolymers*, **42**, 147-156 (1997).
57. D.F. Mierke, S. Maretto, E. Schievano, D. Deluca, A. Bisello, **S. Mammi**, M. Rosenblatt, E. Peggion, and M. Chorev  
Conformational Studies of Mono- and Bicyclic Parathyroid Hormone-Related Protein-Derived Agonists. *Biochemistry*, **36**, 10372-10383 (1997).
58. N. Noli, M. Gurrath, P. Rovero, S. Pegoraro, R.P. Revoltella, E. Schievano, **S. Mammi**, and E. Peggion  
Design, Synthesis and Conformational Analysis of hGM-CSF[13-31]-Gly-Pro-Gly-[103-116]. *J. Pept. Sci.*, **3**, 323-335 (1997).
59. S. Fiori, **S. Mammi**, E. Peggion, P. Rovero, S. Pegoraro, and R.P. Revoltella  
Conformation of Four Peptides Corresponding to the  $\alpha$ -Helical Fragments of Human GM-CSF. *J. Pept. Sci.*, **3**, 336-346 (1997).
60. E. Peggion, **S. Mammi**, and E. Schievano  
Conformation and Interactions of Bioactive Peptides from Insect Venoms: The Bombolitins. *Biopolymers (Pept. Sci.)*, **43**, 419-431 (1997).
61. E. Garbin, **S. Mammi**, E. Peggion, V. Behar, M. Rosenblatt, and M. Chorev  
Conformational Studies of Parathyroid Hormone (PTH)/PTH-related Protein (PTHrP) Hybrid Peptides. In "*Peptides 1996*", Proceedings of the 24<sup>th</sup> European Peptide Symposium, R. Ramage and R. Epton, Eds., Mayflower Worldwide, Kingswindford, England, pp 403-404 (1998).

62. E. Locardi, **S. Mammi**, E. Peggion, V. Monaco, F. Formaggio, M. Crisma, C. Toniolo, and J. Kamphuis  
Conformation of an Analogue of the Lipopeptaibol Trichogin A IV Containing the ( $\alpha$ Me)Aun Residue. In "*Peptides 1996*", Proceedings of the 24<sup>th</sup> European Peptide Symposium, R. Ramage and R. Epton, Eds., Mayflower Worldwide, Kingswindford, England, pp 591-592 (1998).
63. S. Maretto, E. Schievano, **S. Mammi**, A. Bisello, C. Nakamoto, M. Rosenblatt, M. Chorev, and E. Peggion  
Conformational Studies of a Potent Leu<sup>11</sup>, D-Trp<sup>12</sup>-Containing Lactam-Bridged Parathyroid Hormone-Related Protein-Derived Antagonist. *J. Pept. Res.*, **52**, 241-248 (1998).
64. E. Locardi, **S. Mammi**, E. Peggion, V. Monaco, F. Formaggio, M. Crisma, C. Toniolo, B. Bodo, S. Rebuffat, J. Kamphuis, and Q.B. Broxterman  
Conformation and Membrane Activity of an Analogue of the Peptaibol Antibiotic Trichogin GA IV with a Lipophilic Amino Acid at the N-Terminus. *J. Pept. Sci.*, **4**, 389-399 (1998).
65. V. Monaco, E. Locardi, F. Formaggio, M. Crisma, **S. Mammi**, E. Peggion, C. Toniolo, S. Rebuffat, and B. Bodo  
Solution Conformational Analysis of Amphiphilic Helical, Synthetic Analogs of the Lipopeptaibol Trichogin GA IV. *J. Pept. Res.*, **52**, 261-272 (1998).
66. S. Maretto, E. Schievano, E. Peggion, **S. Mammi**, A. Bisello, M. Chorev, M. Rosenblatt, and D. F. Mierke  
Parathyroid Hormone-Related Protein Derived Mono- and Bicyclic Agonists and Antagonists: a Conformational Comparison. In "*Peptides. Frontiers of Peptide Science*", Proceedings of the XV American Peptide Symposium, J.P. Tam and P.T.P. Kaumaya Eds., Kluwer, Dordrecht, The Netherlands pp 439-440 (1999).
67. **S. Mammi**, L. Pauletto, E. Peggion, V. Behar, M. Rosenblatt, and M. Chorev  
Conformational Studies of PTH/PTHrP Hybrids. In "*Peptides. Frontiers of Peptide Science*", Proceedings of the XV American Peptide Symposium, J.P. Tam and P.T.P. Kaumaya Eds., Kluwer, Dordrecht, The Netherlands, pp 447-448 (1999).
68. S. Maretto, E. Schievano, **S. Mammi**, A. Bisello, C. Nakamoto, M. Rosenblatt, M. Chorev, and E. Peggion  
Conformational Studies of a D-Trp<sup>12</sup>-Substituted PTHrP-Derived Antagonist Containing Lactam-Bridged Side-Chains. In "*Peptides. Frontiers of Peptide Science*", Proceedings of the XV American Peptide Symposium, J.P. Tam and P.T.P. Kaumaya Eds., Kluwer, Dordrecht, The Netherlands, pp 479-480 (1999).
69. L. Ragona, L. Confalonieri, L. Zetta, K.G. De Kruif, **S. Mammi**, E. Peggion, R. Longhi, and H. Molinari  
Equilibrium Unfolding CD Studies of Bovine  $\beta$ -Lactoglobulin and its 14-52 Fragment at Acidic pH: Importance of Environment in Determining Secondary Structure. *Biopolymers*, **49**, 441-450 (1999).

70. E. Schievano, **S. Mammi**, and E. Peggion  
Determination of the Secondary Structural Elements of Chicken Liver Fatty Acid Binding Protein by 2D Homonuclear NMR. *Biopolymers*, **50**, 1-11 (1999).
71. E. Peggion, **S. Mammi**, E. Schievano, A. Bisello, M. Rosenblatt, and M. Chorev  
Conformational Studies of a Bicyclic Parathyroid Hormone-Related Protein-Derived Agonist. In "*Peptides 1998*", Proceedings of the 25<sup>th</sup> European Peptide Symposium, S. Bajusz and F. Hudecz Eds., Akadémiai Kiadó, Budapest, Hungary, pp 378-379 (1999).
72. E. Schievano, **S. Mammi**, A. Bisello, M. Rosenblatt, M. Chorev, and E. Peggion  
Conformational Studies of a Bicyclic, Lactam-Constrained Parathyroid Hormone-Related Protein-Derived Agonist. *J. Pept. Sci.*, **5**, 330-337 (1999).
73. E. Peggion, **S. Mammi**, E. Schievano, V. Behar, M. Rosenblatt, and M. Chorev  
Conformational Studies of Parathyroid Hormone (PTH)/PTH-related Protein (PTHrP) Point-Mutated Hybrids. *Biopolymers*, **50**, 525-535 (1999).
74. E. Peggion, **S. Mammi**, E. Schievano, R.P. Revoltella, C. Galoppini, and P. Rovero  
Design, Synthesis and Conformational Studies of the hGM-CSF-Derived Peptide (13-27)-Gly-(75-87). *Biopolymers*, **50**, 545-554 (1999).
75. E. Schievano, **S. Mammi**, L. Silvestri, V. Behar, M. Rosenblatt, M. Chorev, and E. Peggion  
Conformational Studies of Parathyroid Hormone (PTH)/PTH-related Protein (PTHrP) Chimeric Peptides. *Biopolymers*, **54**, 429-447 (2000).
76. **S. Mammi**, M. Rainaldi, M. Bellanda, E. Schievano, E. Peggion, Q.B. Broxterman, F. Formaggio, M. Crisma, and C. Toniolo  
Concomitant Occurrence of Peptide  $3_{10}$ - and  $\alpha$ -Helices Probed by NMR. *J. Am. Chem. Soc.*, **122**, 11735-11736 (2000).
77. R. Bürgi, X. Daura, A.E. Mark, W.F. van Gunsteren, M. Bellanda, **S. Mammi**, and E. Peggion  
Reversible Peptide Folding in DMSO by Molecular Dynamics Simulations. In "*Molecular Dynamics on Parallel Computers*", Proceedings of the Workshop held in Jülich, Germania, 8-10 Febbraio 1999. R. Esser, P. Grassberger, J. Grotendorst and M. Lewerenz, Eds., World Scientific, Singapore, Indonesia, pp 342-343 (2000).
78. M. Bellanda, E. Peggion, R. Bürgi, W. Van Gunsteren, and **S. Mammi**  
Conformational Study of an Aib-rich Peptide in DMSO by NMR. *J. Pept. Res.*, **57**, 97-106 (2001).
79. R. Bürgi, X. Daura, A. Mark, M. Bellanda, **S. Mammi**, E. Peggion, and W. Van Gunsteren  
Folding Study of an Aib-rich Peptide in DMSO by Molecular Dynamics Simulations. *J. Pept. Res.*, **57**, 107-118 (2001).

80. E. Schievano, A. Bisello, M. Chorev, A. Bisol, **S. Mammi**, and E. Peggion  
Aib-Rich Peptides Containing Lactam-Bridged Side-Chains as Models of the  $3_{10}$ -Helix.  
*J. Am. Chem. Soc.*, **123**, 2743-2751 (2001).
81. L. Monticelli, **S. Mammi**, E. Peggion, S. Ferrari, M. Rosenblatt, M. Chorev, A. Bisello,  
and D. F. Mierke  
Ligand-Receptor Interactions Regulating Cell Trafficking and Signaling of the Human  
PTH1Rc: An *in Silico* Examination. In "*Peptides The Wave of the Future*", Proceedings  
of the 2<sup>nd</sup> International and the 17<sup>th</sup> American Peptide Symposium, M. Lebl and R.A.  
Houghten Eds., American Peptide Society, San Diego, U.S.A., pp 424-425 (2001).
82. M. Bellanda, **S. Mammi**, E. Peggion, G. Otting, J. Weigelt, E. Perdonà, E. Domenici, and  
C. Marchioro  
Backbone Assignment of Gyrase-B P24 Fragment and Its Interactions with the Inhibitor  
GR122222. In "*Peptides. The Wave of the Future*", Proceedings of the 2<sup>nd</sup> International  
and the 17<sup>th</sup> American Peptide Symposium, M. Lebl and R.A. Houghten Eds., American  
Peptide Society, San Diego, U.S.A., pp 530-531 (2001).
83. E. Peggion, **S. Mammi**, E. Schievano, L. Silvestri, L. Scheibler, M. Corich, A. Bisello,  
M. Rosenblatt, and M. Chorev  
Structure-Function Relationship Studies on Parathyroid Hormone (PTH) 1-34 Analogs  
Containing  $\beta$ -Amino Acid Residues in Positions 11, 12 and 13. In "*Peptides. The Wave  
of the Future*", Proceedings of the 2<sup>nd</sup> International and the 17<sup>th</sup> American Peptide  
Symposium, M. Lebl and R.A. Houghten Eds., American Peptide Society, San Diego,  
U.S.A., pp 739-741 (2001).
84. E. Peggion, **S. Mammi**, E. Schievano, L. Silvestri, L. Scheibler, M. Corich, A. Bisello,  
M. Rosenblatt, and M. Chorev  
Local Conformation around Position 12 of the (1-34) Fragment of Parathyroid Hormone  
Probed by Substitution with Aib Residues. In "*Peptides The Wave of the Future*",  
Proceedings of the 2<sup>nd</sup> International and the 17<sup>th</sup> American Peptide Symposium, M. Lebl  
and R.A. Houghten Eds., American Peptide Society, San Diego, U.S.A., pp 742-743  
(2001).
85. E. Peggion, **S. Mammi**, E. Schievano, L. Silvestri, L. Schiebler, M. Rosenblatt, and M.  
Chorev  
Structure-Function Relationship Studies of Analogs of the N-Terminal 1-34 Fragment of  
Parathyroid Hormone PTH Containing  $\beta$ -Alanine Residues. In "*Peptides 2000*",  
Proceedings of the 26<sup>th</sup> European Peptide Symposium, J. Martinez and J.-A. Fehrentz  
Eds., EDK, Paris, France, pp 711-712, (2001).
86. M. Bellanda, E. Peggion, G. Otting, J. Weigelt, E. Perdonà, E. Domenici, C. Marchioro,  
and **S. Mammi**  
Backbone  $^1\text{H}$ ,  $^{13}\text{C}$  and  $^{15}\text{N}$  Resonance Assignment of the N-Terminal 24 kDa Fragment  
of the GyraseB Subunit from *E. coli*. *J. Biomol. NMR*, **22**, 369–370 (2002).
87. F. Cima, D. Dominici, **S. Mammi**, and L. Ballarin  
Butyltins and Calmodulin: which Interaction? *Appl. Organomet. Chem.*, **16**, 182-186  
(2002).

88. L. Monticelli, **S. Mammi**, and D.F. Mierke  
Molecular Characterization of a Ligand-Tethered Parathyroid Hormone Receptor. *Biophys. Chem.*, **95**, 165-172 (2002).
89. E. Peggion, **S. Mammi**, E. Schievano, L. Silvestri, L. Scheibler, A. Bisello, M. Rosenblatt, and M. Chorev  
Structure-Function Studies of Analogues of Parathyroid Hormone (PTH)-1-34 Containing  $\beta$ -Amino Acid Residues in Positions 11-13. *Biochemistry*, **41**, 8162-8175 (2002).
90. M. Rainaldi, V. Moretto, M. Crisma, E. Peggion, **S. Mammi**, C. Toniolo, and G. Cavicchioni  
Peptoid Residues and  $\beta$ -Turn Formation. *J. Pept. Sci.*, **8**, 241-252 (2002).
91. L. Monticelli, D. Pedini, E. Schievano, **S. Mammi**, and E. Peggion  
Interaction of Bombolitin II with a Membrane-Mimetic Environment: an NMR and Molecular Dynamics Simulation Approach. *Biophys. Chem.*, **101-102**, 577-591 (2002).
92. M. Rainaldi, V. Moretto, M. Crisma, E. Peggion, **S. Mammi**, C. Toniolo, and G. Cavicchioni  
Peptoid Residues and  $\beta$ -Turn Formation.  
Proceedings of the 27<sup>th</sup> European Peptide Symposium, E. Benedetti and C. Pedone Eds., Edizioni Ziino, Napoli, Italy, pp 398-399, (2002).
93. A. Calderan, P. Ruzza, B. Scolaro, B. Biondi, **S. Mammi**, and G. Borin  
Studies on a Synthetic Analog of the TMV Segment of the MT<sub>1</sub> Melatonin Receptor.  
Proceedings of the 27<sup>th</sup> European Peptide Symposium, E. Benedetti and C. Pedone Eds., Edizioni Ziino, Napoli, Italy, pp 698-699, (2002).
94. M. Marin, M. Scian, M. Bellanda, T. Liqiang, J.M. Alexander, M. Rosenblatt, M. Chorev, E. Peggion, and **S. Mammi**  
Flexibility of the Central Portion of Human Parathyroid Hormone (1-34) Detected by <sup>15</sup>N Relaxation Measurements.  
Proceedings of the 27<sup>th</sup> European Peptide Symposium, E. Benedetti and C. Pedone Eds., Edizioni Ziino, Napoli, Italy, pp 804-805, (2002).
95. E. Peggion, E. Schievano, **S. Mammi**, M. Ciardella, and L. Monticelli  
Conformational Studies of a Bombolitin III-Derived Peptide Mimicking the Four-Helix Bundle Structural Motif of Proteins.  
Proceedings of the 27<sup>th</sup> European Peptide Symposium, E. Benedetti and C. Pedone Eds., Edizioni Ziino, Napoli, Italy, pp 844-845, (2002).
96. E. Peggion, **S. Mammi**, E. Schievano, A. Bisello, M. Rosenblatt, and M. Chorev  
Structure-Function Relationship Studies on Analogs of the 1-34 Fragment of Parathyroid Hormone (PTH) Containing  $\beta$ -Alanine Residues in Positions 18 and 19.  
Proceedings of the 27<sup>th</sup> European Peptide Symposium, E. Benedetti and C. Pedone Eds., Edizioni Ziino, Napoli, Italy, pp 846-847, (2002).

97. M. Rainaldi, A. Moretto, C. Peggion, F. Formaggio, **S. Mammi**, E. Peggion, J.A. Gálvez, M.D. Díaz-de-Villegas, C. Cativiela, and C. Toniolo  
Preferred Conformation and Membrane Activity of the LP237-F Lipopeptaibols.  
Proceedings of the 27<sup>th</sup> European Peptide Symposium, E. Benedetti and C. Pedone Eds., Edizioni Ziino, Napoli, Italy, pp 864-865, (2002).
98. **S. Mammi**  
Chimica Combinatoriale. In "*La Chimica Organica in Laboratorio - Vol. 1*", M. d'Ischia Ed., Piccin, Padova, pp 665-683, (2002).
99. **S. Mammi**  
Chimica Combinatoriale: Applicazioni alla Sintesi degli Esteri. In "*La Chimica Organica in Laboratorio - Vol. 2*", M. d'Ischia Ed., Piccin, Padova, pp 1046-1048, (2003).
100. E. Peggion, **S. Mammi**, E. Schievano, L. Schiebler, M. Corich, M. Rosenblatt, and M. Chorev  
Structure-Function Relationship Studies of Bovine Parathyroid Hormone bPTH(1-34) Analogues containing  $\alpha$ -Amino-*iso*-butyric Acid (Aib) Residues. *Biopolymers*, **68**, 437-457 (2003).
101. M. Rainaldi, A. Moretto, C. Peggion, F. Formaggio, **S. Mammi**, E. Peggion, J.A. Gálvez, M.D. Díaz-de-Villegas, C. Cativiela, and C. Toniolo  
Lipopeptaibol Metabolites of *Tolypocladium geodes*: Total Synthesis, Preferred Conformation and Membrane Activity. *Chem. Eur. J.*, **9**, 3567-3576 (2003).
102. E. Schievano, **S. Mammi**, L. Monticelli, M. Ciardella, and E. Peggion  
Conformational Studies of a Bombolitin III-Derived Peptide Mimicking the Four-Helix Bundle Structural Motif of Proteins. *J. Am. Chem. Soc.*, **125**, 15314-15323 (2003).
103. E. Schievano, **S. Mammi**, E. Carretta, N. Fiori, M. Corich, A. Bisello, M. Rosenblatt, M. Chorev, and E. Peggion  
Conformational and Biological Characterization of Human Parathyroid Hormone hPTH-(1-34) Analogues Containing  $\beta$ -Amino Acid Residues in Positions 17-19. *Biopolymers*, **70**, 534-547 (2003).
104. A. Barazza, N. Fiori, E. Schievano, **S. Mammi**, E. Peggion, J.M. Alexander, M. Rosenblatt, and M. Chorev  
Bioactive N-Terminal Undecapeptides Derived from Parathyroid Hormone: the Role of  $\alpha$ -helicity. In "*Peptide Revolution: Genomics, Proteomics & Therapeutics*", Proceedings of the 18<sup>th</sup> American Peptide Symposium, M. Chorev and T.K. Sawyer Eds., American Peptide Society, San Diego, U.S.A., pp 673-674 (2004).
105. M. Bellanda, M. Rainaldi, Q.B. Broxterman, B. Kaptein, F. Formaggio, M. Crisma, **S. Mammi**, and C. Toniolo  
Direct Observation of Intramolecular Hydrogen Bonds in Peptide  $3_{10}$ -Helices by  $^3\text{J}_{\text{N,C}}$  Scalar Couplings. *Angew. Chem. Int. Ed.*, **43**, 3152-3155 (2004).

106. E. Schievano, T. Calisti, I. Menegazzo, R. Battistutta, E. Peggion, **S. Mammi**, G. Palù, and A. Loregian  
pH-Dependent Conformational Changes and Topology of a Herpesvirus Translocating Peptide in a Membrane-Mimetic Environment. *Biochemistry*, **43**, 9343-9351 (2004).
107. M. Bisaglia, A. Trolio, I. Tessari, L. Bubacco, **S. Mammi**, and E. Bergantino  
Cloning, Expression, Purification and Spectroscopic Analysis of the Fragment 57-102 of Human  $\alpha$ -Synuclein. *Protein Expr. Purif.*, **39**, 90-96 (2005).
108. M. Bisaglia, I. Tessari, L. Pinato, M. Bellanda, S. Giraud, M. Fasano, E. Bergantino, L. Bubacco, and **S. Mammi**  
A Topological Model of the Interaction between  $\alpha$ -Synuclein and SDS Micelles. *Biochemistry*, **44**, 329-339 (2005).
109. E. Schievano, L. Silvestri, M. Gobbo, **S. Mammi**, R. Rocchi, and E. Peggion  
Structural Characterization of Cyclic Kallidin Analogues in DMSO by Nuclear Magnetic Resonance and Molecular Dynamics. *J. Peptide Sci.*, **11**, 3-16 (2005).
110. A. Barazza, A. Wittelsberger, N. Fiori, E. Schievano, **S. Mammi**, C. Toniolo, J.M. Alexander, M. Rosenblatt, E. Peggion, and M. Chorev  
Bioactive N-Terminal Undecapeptides Derived from Parathyroid Hormone: the Role of  $\alpha$ -Helicity. *J. Peptide Res.*, **65**, 23-35 (2005).
111. **S. Mammi**, and M. Goodman  
Polydepsipeptides. A Systematic Investigation of Guest-Host Effects. *J. Peptide Sci.*, **11**, 273-277 (2005).
112. L. Mannina, M. D'Imperio, R. Lava, E. Schievano, e **S. Mammi**  
Caratterizzazione NMR e Analisi Statistica di Oli di Oliva DOP Veneti. *La Rivista Italiana delle Sostanze Grasse*, **81**, 59-63 (2005).
113. E. Schievano, K. Pagano, **S. Mammi**, and E. Peggion  
Conformational Studies of Aib-Rich Peptides Containing Lactam-Bridged Side-Chains. Evidence of  $3_{10}$ -Helix Formation. *Biopolymers (Pept. Sci.)*, **80**, 294-302 (2005).
114. M. Fladvad, M. Bellanda, A. Potamitou Fernandes, **S. Mammi**, A. Vlamis-Gardikas, A. Holmgren, and M. Sunnerhagen  
Molecular Mapping of Functionalities in the Solution Structure of Reduced Grx4, a Monothiol Glutaredoxin from *Escherichia coli*. *J. Biol. Chem.*, **280**, 24553-24561 (2005).
115. A. Caporale, N. Fiori, E. Schievano, **S. Mammi**, A. Wittelsberger, M. Chorev, and E. Peggion  
Structure-Function Relationship of PTH(1-11) Analogues Containing Combinations of Aib and ( $\alpha$ Me)Val.  
Peptides 2004. Proceedings of the 3<sup>rd</sup> International and 28<sup>th</sup> European Peptide Symposium, M. Flegel, M. Friedkin, C. Gilon, and J. Slaninova Eds., Kenes International, Ginevra, Svizzera, pp 926-927, (2005).

116. M. Rainaldi, M. Bellanda, **S. Mammi**, Q.B. Broxterman, B. Kaptein, F. Formaggio, M. Crisma, and C. Toniolo  
First Direct Observation of C=O...H-N Intramolecular Hydrogen Bonds in  $3_{10}$ -Helical Peptides.  
Peptides 2004. Proceedings of the 3<sup>rd</sup> International and 28<sup>th</sup> European Peptide Symposium, M. Flegel, M. Friedkin, C. Gilon, and J. Slaninova Eds., Kenes International, Ginevra, Svizzera, pp 1011-1012, (2005).
117. M. Scian, M. Marin, M. Bellanda, L. Tou, J.M. Alexander, M. Rosenblatt, M. Chorev, E. Peggion, and **S. Mammi**  
Backbone Dynamics of Human Parathyroid Hormone (1-34): Flexibility of the Central Region under Different Environmental Conditions. *Biopolymers (Pept. Sci.)*, **84**, 147-160 (2006).
118. E. Schievano, I. Arosio, R. Lava, V. Simionato, **S. Mammi** e R. Consonni  
Olio di Oliva DOP del Lago di Garda: uno Studio NMR e Analisi Statistica Multivariata. *La Rivista Italiana delle Sostanze Grasse*, **83**, 14-17 (2006).
119. M. Bisaglia, E. Schievano, A. Caporale, E. Peggion, and **S. Mammi**  
The 11-mer Repeats of Human  $\alpha$ -Synuclein in Vesicle Interactions and Lipid Composition Discrimination: a Cooperative Role. *Biopolymers (Pept. Sci.)*, **84**, 310-316 (2006).
120. M. Bisaglia, A. Trolio, M. Bellanda, E. Bergantino, L. Bubacco, and **S. Mammi**  
Structure and Topology of the non Amyloid- $\beta$  Component Fragment of Human  $\alpha$ -Synuclein Bound to Micelles: Implications for the Aggregation Process. *Prot. Sci.*, **15**, 1408-1416 (2006).
121. L. Dalla Via, **S. Mammi**, E. Uriarte, L. Santana, I. Lampronti, R. Gambari and O. Gia  
New Furan Side Tetracyclic Allopsoralen Derivatives: Synthesis and Photobiological Evaluation. *J. Med. Chem.*, **49**, 4317-4326 (2006).
122. A. Caporale, N. Fiori, E. Schievano, M. Chorev, **S. Mammi**, and E. Peggion  
Structure-Function Relationship of Analogues of PTH(1-11) Fragment Containing Combinations of Aib and ( $\alpha$ Me)Nle. In "*Understanding Biology Using Peptides*", Proceedings of the 19<sup>th</sup> American Peptide Symposium, S. E. Blondelle Ed., American Peptide Society, San Diego, U.S.A., pp 38-39 (2006).
123. E. Schievano, I. Arosio, V. Simionato, **S. Mammi**, and R. Consonni  
Olio Extra Vergine di Oliva dei Laghi di Garda e Iseo: uno Studio di NMR e di Analisi Statistica. In "*Ricerche e Innovazioni nell'Industria Alimentare*", Vol. VII, Atti del 7<sup>o</sup> Congresso Italiano di Scienza e Tecnologia degli Alimenti (7<sup>o</sup> CISETA), S. Porretta Ed., Chiriotti Editori, Pinerolo, pp 1015-1019 (2006).
124. I. Menegazzo, A. Fries, **S. Mammi**, R. Galeazzi, G. Martelli, M. Orena, and S. Rinaldi  
Synthesis and Structural Characterisation as 12-Helix of the Hexamer of a  $\beta$ -Amino Acid Tethered with a Pyrrolydin-2-one Ring. *Chem. Commun.*, 4915-4917 (2006).

125. M. Bellanda, **S. Mammi**, S. Geremia, N. Demitri, L. Randaccio, Q.B. Broxterman, B. Kaptein, P. Pengo, L. Pasquato, and P. Scrimin  
Solvent Polarity Controls the Helical Conformation of Short Peptides Rich in C<sup>α</sup>-Tetrasubstituted Amino Acids. *Chem. Eur. J.*, **13**, 407-416 (2007).
126. M. Bisaglia, **S. Mammi**, and L. Bubacco  
Kinetic and Structural Analysis of the Early Oxidation Products of Dopamine. Analysis of the Interaction with  $\alpha$ -Synuclein. *J. Biol. Chem.*, **282**, 15597-15605 (2007).
127. C. Baldini, M. Bellanda, C. Peggion, A.L. Djontu, C. Atagua, **S. Mammi**, and C. Toniolo  
Total Synthesis in Solution and Conformational Analysis of the Peptaibol Cervinin and Selected Analogues. *Chem. Biodivers.*, **4**, 1129-1143 (2007).
128. N. Fiori, A. Caporale, E. Schievano, **S. Mammi**, A. Geyer, P. Tremmel, A. Wittelsberger, I. Woznica, M. Chorev, and E. Peggion  
Structure-Function Relationship of PTH(1-11) Analogues Containing Sterically Hindered Dipeptide Mimetics. *J. Pept. Sci.*, **13**, 504-512 (2007).
129. A. Caporale, N. Fiori, A. Wittelsberger, E. Schievano, M. Chorev, **S. Mammi**, and E. Peggion  
Structure-Function Relationship of Analogues of PTH(1-11) Containing a Combination of Aib and ( $\alpha$ Me)Val.  
Peptides 2006. Proceedings of the 29<sup>th</sup> European Peptide Symposium, K. Rolka, P. Rekowski, and J. Silberring Eds., Kenes International, Ginevra, Svizzera, pp 424-425, (2007).
130. E. Schievano, A. Roncolato, E. Peggion and **S. Mammi**  
Determinazione di Ammine Biogene Aromatiche nel Formaggio mediante <sup>1</sup>H-NMR. Atti del 6<sup>o</sup> Congresso Nazionale di Chimica degli Alimenti. Taro Editrice (AL), pp. 555-559 (2007).
131. M. Bisaglia, **S. Mammi**, and L. Bubacco  
Structures, Interactions and Reactivity of  $\alpha$ -Synuclein. Physiological and Pathological Relevance. In: "Biophysical Inquiry into Protein Aggregation and Amyloid Diseases" Editors: P.L. San Biagio and D. Bulone, Research Signpost Press, Trivandrum, India, pp. 155-180, (2008).
132. M. Sandal, F. Valle, I. Tessari, **S. Mammi**, E. Bergantino, F. Musiani, M. Brucale, L. Bubacco, and B. Samorì  
Conformational Equilibria in Monomeric  $\alpha$ -Synuclein at the Single Molecule Level. *PLoS Biology*, **e6**, 99-108 (2008).
133. I. Tessari, M. Bisaglia, F. Valle, B. Samorì, E. Bergantino, **S. Mammi**, and L. Bubacco  
The Reaction of  $\alpha$ -Synuclein with Tyrosinase: Possible Implications for Parkinson Disease. *J. Biol. Chem.*, **283**, 16808-16817 (2008).

134. M. Bortolus, F. Tombolato, I. Tessari, M. Bisaglia, **S. Mammi**, L. Bubacco, A. Ferrarini, and A.L. Maniero  
Broken Helix in Vesicle and Micelle-Bound  $\alpha$ -Synuclein: Insights from SDSL-EPR Experiments and MD Simulations. *J. Am. Chem. Soc.*, **130**, 6690-6691 (2008).
135. E. Schievano, G. Pasini, G. Cozzi, and **S. Mammi**  
Identification of the Production Chain of Asiago d'Allevo Cheese by Nuclear Magnetic Resonance Spectroscopy and Principal Components Analysis. *J. Agr. Food Chem.*, **56**, 7208-7214 (2008).
136. M. Bisaglia, **S. Mammi**, and L. Bubacco  
Structural Insights on Physiological Functions and Pathological Effects of  $\alpha$ -Synuclein. *FASEB J.*, **23**, 329-340 (2009).
137. P. Ruzza, A. Nassi, A. Marchiani, M. Rondina, A. Rosato, C.R. Rossi, **S. Mammi**, M. Floreani, and L. Quintieri  
Design and synthesis of a tripartate paclitaxel prodrug for melanoma therapy. In: "Peptides 2008. Chemistry of Peptides in Life Science, Technology, and Medicine". Editor: H. Lankinen, The Finnish Peptide Society and The European Peptide Society, Helsinki, FIN, pp. 554-555 (2009).
138. A. Caporale, N. Fiori, E. Schievano, A. Wittelsberger, **S. Mammi**, M. Chorev, and E. Peggion  
Structure-Function Relationship Study of Parathyroid Hormone (1-11) Analogues Containing D-AA. In: "Peptides for Youth". Proceedings of the 20<sup>th</sup> American Peptide Symposium, S. Del Valle, E. Escher, W.D. Lubell Eds., Montreal, Quebec, Canada, pp. 113-114 (2009).
139. C. Baldini, M. Bellanda, C. Peggion, A.L. Djontu, C. Atagua, **S. Mammi**, and C. Toniolo  
Total Synthesis in Solution and Conformational Analysis of the Peptaibol Cervinin and Selected Analogues. In: "Peptaibiotics. Fungal Peptides Containing  $\alpha$ -Dialkyl  $\alpha$ -Amino Acids." Editors: C. Toniolo and H. Brückner, Wiley-VCH, Zürich, Svizzera, pp. 177-191 (2009).
140. E. Schievano, K. Guardini, and **S. Mammi**  
Fast Determination of Histamine in Cheese by nuclear magnetic resonance (NMR). *J. Agr. Food Chem.*, **57**, 2647-2652 (2009).
141. A. Caporale, B. Biondi, E. Schievano, A. Wittelsberger, **S. Mammi**, and E. Peggion  
Structure-Function Relationship Studies of PTH(1-11) Analogues Containing D-Amino Acids. *Eur. J. Pharmacol.*, **611**, 1-7 (2009).
142. F. Rastrelli, E. Schievano, A. Bagno, and **S. Mammi**  
NMR Quantification of Trace Components in Complex Matrices by Band-Selective Excitation with Adiabatic Pulses. *Magn. Reson. Chem.*, **47**, 868-872 (2009).

143. A. Caporale, I. Woznica, E. Schievano, **S. Mammi**, and E. Peggion  
Role of the Guanidine Group in the N-Terminal Fragment of PTH(1-11). In “Breaking away”: Proceedings of the 21<sup>st</sup> American Peptide Symposium, M. Lebl Ed., American Peptide Society, San Diego, U.S.A., pp 167-168 (2009).
144. M. De Zotti, F. Damato, F. Formaggio, M. Crisma, E. Schievano, **S. Mammi**, B. Kaptein, Q.B. Broxterman, P.J. Felock, D.J. Hazuda, S.B. Singh, J. Kirschbaum, H. Brückner, and C. Toniolo  
Synthesis and Conformational Analysis of a Natural Peptide Inhibitor of HIV-1 Integrase. In “Breaking away”: Proceedings of the 21<sup>st</sup> American Peptide Symposium, M. Lebl Ed., American Peptide Society, San Diego, U.S.A., pp 231-232 (2009).
145. A. Moretto, I. Menegazzo, M. Crisma, **S. Mammi**, and C. Toniolo  
A Peptido[2]Rotaxane Molecular Machine. In “Breaking away”: Proceedings of the 21<sup>st</sup> American Peptide Symposium, M. Lebl Ed., American Peptide Society, San Diego, U.S.A., pp 378-379 (2009).
146. G. De Franceschi, E. Frare, L. Bubacco, **S. Mammi**, A. Fontana, and P. Polverino de Laureto  
Molecular Insights into the Interaction between  $\alpha$ -Synuclein and Docosahexaenoic Acid. *J. Mol. Biol.*, **394**, 94-107 (2009).
147. A. Moretto, I. Menegazzo, M. Crisma, E. Shotton, H. Nowell, **S. Mammi**, and C. Toniolo  
A Rigid Helical Peptide Axle for a [2]Rotaxane Molecular Machine. *Angew. Chem. Int. Ed.*, **48**, 8986-8989 (2009).
148. M. Bisaglia, I. Tessari, **S. Mammi**, and L. Bubacco  
Interaction between  $\alpha$ -Synuclein and Metal Ions, still Looking for a Role in the Pathogenesis of Parkinson’s Disease. *Neuromol. Med.*, **11**, 239-251 (2009).
149. M. De Zotti, F. Damato, F. Formaggio, M. Crisma, E. Schievano, **S. Mammi**, B. Kaptein, Q.B. Broxterman, P.J. Felock, D.J. Hazuda, S.B. Singh, J. Kirschbaum, H. Brückner, and C. Toniolo  
Total Synthesis, Characterization, and Conformational Analysis of the Naturally-Occurring Hexadecapeptide Integramide A and a Diastereomer. *Chem. Eur. J.*, **16**, 316-327 (2010).
150. E. Schievano, E. Peggion, and **S. Mammi**  
<sup>1</sup>H Nuclear Magnetic Resonance Spectra of Chloroform Extracts of Honey for Chemometric Determination of its Botanical Origin. *J. Agr. Food Chem.*, **58**, 57–65 (2010).
151. A. Caporale, I. Woznica, E. Schievano, **S. Mammi**, and E. Peggion  
Role of the Guanidine Group in the N-Terminal Fragment of PTH(1-11). *Amino Acids*, **38**, 1269–1275 (2010).

152. C. Rubini, P. Ruzza, M.R. Spaller, G. Siligardi, R. Hussain, D.G. Udugamasooriya, M. Bellanda, **S. Mammi**, A. Borgogno, A. Calderan, L. Cesaro, A.M. Brunati, and A. Donella-Deana  
Recognition of Lysine-Rich Peptide Ligands by Murine Cortactin SH3 Domain: CD, ITC and NMR Studies. *Biopolymers – Peptide Science*, **94**, 298–306 (2010).
153. M. Bisaglia, L. Tosatto, F. Munari, I. Tessari, P. Polverino de Lauro, **S. Mammi**, and L. Bubacco  
Dopamine Quinones Interact with  $\alpha$ -Synuclein to Form Unstructured Adducts. *Biochem. Biophys. Res. Commun.*, **394**, 424–428 (2010).
154. M. De Zotti, E. Schievano, **S. Mammi**, B. Kaptein, Q.B. Broxterman, S.B. Singh, H. Brückner, and C. Toniolo  
Configurational Assignment of D- and L-Isovalines in Intact, Natural, and Synthetic Peptides by 2D-NMR Spectroscopy. *Chem. Biodivers.*, **7**, 1612–1624 (2010).
155. M. Bisaglia, M.E. Soriano, I. Arduini, **S. Mammi**, and L. Bubacco  
Molecular Characterization of Dopamine-Derived Quinones Reactivity toward NADH and Glutathione: Implications for Mitochondrial Dysfunction in Parkinson Disease. *Biochim. Biophys. Acta (BBA-Mol. Basis Dis.)*, **1802**, 699–706 (2010).
156. F. Benetti, M. Ventura, B. Salmini, S. Ceola, D. Carbonera, **S. Mammi**, A. Zitolo, P. D’Angelo, E. Urso, M. Maffia, B. Salvato, and E. Spisni  
Cuprizone Neurotoxicity, Copper Deficiency and Neurodegeneration. *Neurotoxicology*, **31**, 509–517 (2010).
157. A. Caporale, M. Sturlese, E. Schievano, **S. Mammi**, and E. Peggion  
Synthesis and Structural Studies of New Analogues of PTH(1-11) Containing  $\alpha$ -Tetra-Substituted Amino Acids in Position 8. *Amino Acids*, **39**, 1369–1379 (2010).
158. A. Calderan, N. Antolini, L. Azzolin, P. Bernardi, A. Rasola, P. Ruzza, and **S. Mammi**  
Synthesis, Characterization and Activity of Antamanide and its Analogues as Inhibitors of the Mitochondrial Permeability Transition Pore. In: “Peptides 2010 – Tales of Peptides”: Proceedings of the 31<sup>st</sup> European Peptide Symposium, M. Lebl, M. Meldal, K.J. Jensen, T. Hoeg-Jensen Eds., European Peptide Society, pp 328-329 (2010).
159. A. Marchiani, G. Massalongo, **S. Mammi**, I. Tessari, L. Bubacco, A. Calderan, and P. Ruzza  
CD and Fluorescence Screening of  $\alpha$ -Synuclein-Peptide Interactions. In: “Peptides 2010 – Tales of Peptides”: Proceedings of the 31<sup>st</sup> European Peptide Symposium, M. Lebl, M. Meldal, K.J. Jensen, T. Hoeg-Jensen Eds., European Peptide Society, pp 332-333 (2010).
160. A. Marchiani, **S. Mammi**, I. Tessari, L. Bubacco, S. Monti, F. Manoli, and P. Ruzza  
Interaction of Curcumin with  $\alpha$ -Synuclein and its Relationship to Curcumin’s Ability to Inhibit Fibril Deposit. In: “Peptides 2010 – Tales of Peptides”: Proceedings of the 31<sup>st</sup> European Peptide Symposium, M. Lebl, M. Meldal, K.J. Jensen, T. Hoeg-Jensen Eds., European Peptide Society, pp 434-435 (2010).

161. M. Montopoli, M. Bellanda, F. Lonardoni, E. Ragazzi, P. Dorigo, G. Froidi, **S. Mammi**, and L. Caparrotta  
“Metabolic Reprogramming” in Ovarian Cancer Cells Resistant to Cisplatin. *Curr. Cancer Drug Tar.*, **11**, 226-235 (2011).
162. S.M. Marino, S. Fogal, M. Bisaglia, S. Moro, G. Scartabelli, L. De Gioia, A. Spada, E. Monzani, L. Casella, **S. Mammi**, and L. Bubacco  
Investigation of *Streptomyces antibioticus* Tyrosinase Reactivity toward Chlorophenols. *Arch. Biochem. Biophys.*, **505**, 67-74 (2011).
163. L. Azzolin, N. Antolini, A. Calderan, P. Ruzza, M. Sciacovelli, O. Marin, **S. Mammi**, P. Bernardi, and A. Rasola  
Antamanide, a Derivative of *Amanita phalloides*, is a Novel Inhibitor of the Mitochondrial Permeability Transition Pore. *PLoS One*, **6**, e16280 (2011).
164. G. Venditti, E. Schievano, L. Navarini, and **S. Mammi**  
Water Mobility and Distribution in Green Coffee Probed by Time-Domain Nuclear Magnetic Resonance. *Food Biophys.*, **6**, 321-326 (2011).
165. E. Schievano, I. Menegazzo, E. Marotta, and **S. Mammi**  
Structure Elucidation of the Dye Acid Red 131: Complete  $^1\text{H}$ ,  $^{13}\text{C}$  and  $^{15}\text{N}$  NMR Data Assignment. *Magn. Reson. Chem.*, **49**, 523-528 (2011).
166. S. Giroto, M. Sturlese, M. Bellanda, I. Tessari, R. Cappellini, M. Bisaglia, L. Bubacco, and **S. Mammi**  
Dopamine-Derived Quinones Affect the Structure of the Redox Sensor DJ-1 through Modifications at Cys106 and Cys53. *J. Biol. Chem.*, **287**, 18738–18749 (2012).
167. E. Schievano, M. Stocchero, E. Morelato, C. Facchin, and **S. Mammi**  
An NMR-Based Metabolomic Approach to Identify the Botanical Origin of Honey. *Metabolomics*, **8**, 679–690 (2012).
168. A. Caporale, L. Gesiot, M. Sturlese, A. Wittelsberger, **S. Mammi**, and E. Peggion  
Design, Conformational Studies and Analysis of Structure-Function Relationships of PTH(1-11) Analogues: the Essential Role of Val in Position 2. *Amino Acids*, **43**, 207–218 (2012).
169. F. Conti, S. Willbold, **S. Mammi**, C. Korte, W. Lehnert, and D. Stolten  
Carbon NMR investigation of the polybenzimidazole-dimethylacetamide interactions in membranes for fuel cells. *New J. Chem.*, **37**, 152-156 (2013).
170. E. Schievano, **S. Mammi**, and I. Menegazzo  
Nuclear Magnetic Resonance as a Method for Prediction of Geographical and Entomological Origin of Pot Honey. In: “Pot honey: A legacy of stingless bees”, P. Vit, S.R.M. Pedro, and D.W. Roubik Eds., Springer, New York, ISBN 978-1-4614-4959-1, DOI 10.1007/978-1-4614-4960-7, pp. 429-446 (2013).

171. E. Schievano, E. Morelato, C. Facchin, and **S. Mammi**  
Characterization of Markers of Botanical Origin and Other Compounds Extracted from Unifloral Honeys. *J. Agr. Food Chem.*, **61**, 1747-1755 (2013).
172. G.M. Mazzotta, A. Rossi, E. Leonardi, M. Mason, C. Bertolucci, L. Caccin, B. Spolaore, A.J.M. Martin, M. Schlichting, R. Grebler, C. Helfrich-Förster, **S. Mammi**, R. Costa, and S.C.E. Tosatto  
Fly Cryptochrome and the Visual System. *Proc. Natl. Acad. Sci. U.S.A.*, **110**, 6163-6168 (2013).
173. N. D'Amelio, E. De Angelis, L. Navarini, E. Schievano, and **S. Mammi**  
Green Coffee Oil Analysis by High-Resolution Nuclear Magnetic Resonance Spectroscopy. *Talanta*, **110**, 118-127 (2013).
174. A. Marchiani, **S. Mammi**, G. Siligardi, R. Hussain, I. Tessari, L. Bubacco, G. Delogu, D. Fabbri, M.A. Dettori, D. Sanna, S. Dedola, P.A. Serra, and P. Ruzza  
Small Molecules Interacting with  $\alpha$ -Synuclein: Antiaggregating and Cytoprotective Properties. *Amino Acids*, in corso di stampa (2013), DOI 10.1007/s00726-013-1503-3 .

## BREVETTI

1. A. Caporale, N. Fiori, E. Schievano, **S. Mammi**, E. Peggion, M. Chorev, and A. Wittelsberger  
PTH-like Peptides.  
Patent No. EP1619204, 25 Gennaio 2006.
2. A. Caporale, N. Fiori, E. Schievano, **S. Mammi**, E. Peggion, M. Chorev, and A. Wittelsberger  
PTH-like Peptides.  
Patent No. US 7,132,394 B2, 7 Novembre 2006.
3. M. Meneghetti, **S. Mammi**, V. Amendola, e G. Marcolongo  
Metodo per la misura del profilo di diffusione di sostanze coloranti in materiali porosi.  
PD2011A000110, 11 Aprile 2011.