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Rome, June 13-14, 1994, pg. 13
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Ravello, Italy, Sept. 22-24, 1994, pg. 21
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Stress Signaling and Stress Responses in Plants  
36th NIBB Conference (**Invited speaker**)  
Okazaki, Japan, January 8-11, 1996, pg. 44
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Biorex Pharmaceutical, London, Feb. 12, 1996 (**Invited speaker**)



80. S. Franceschelli, Carratù, L., Vigh, L. and **B. Maresca**  
Temperature of induction of heat shock genes is set by the activity of D<sup>9</sup>-Desaturase gene product.  
Society for Experimental Biology, Lancaster, UK, March 24-29, 1996 (**Invited speaker**)
81. Vigh., L., Literati, P., Horvath, I., Torok, Z., Balogh, G., Glatz, A., Kovacs, E., Duda, E., Boros, I., Ferdinandy, P., Multhoff, G., Farkas, B., Jaszlits, L., Korany, L & **Maresca, B.**  
BRLP-42, a new generation of drugs acting as a chaperone inducer  
Molecular chaperones and the heat shock response, Cold Spring Harbour Meeting, CSH, May 1-5, 1996, pp. 345 (**Invited speaker**)
82. S. Colonna-Romano, A. Porta, A. Franco, GS. Kobayashi and **B. Maresca**  
Society for General Microbiology  
Symposium on "Novel Approaches to Treating Microbial Infections"  
Identification and cloning of genes induced by *H. capsulatum* during macrophage infection by DDRT-PCR.  
University of Essex, Sept. 10-13, 1996, p.14  
(**Invited speaker**).
83. Carratù, L., Gracey, A. and **Maresca, B.**  
Cloning and physical analysis of *hsp70* and  $\Delta^9$ -desaturase genes of the Antarctic fish *Chionodraco hamatus*.  
European Science Foundation Network on "Fishes of the Antarctic Ocean"  
Saint Remy lès Chevreuse, France, September 12-14, 1996  
(**Invited speaker**).
84. Colonna-Romano, S., Porta, A., Franco, A. and **Maresca, B.**  
Isolation and characterization of genes coding for putative virulence factors during infection of macrophages by the pathogenic fungus *H. capsulatum*. I  
IX Congresso Ricerche AIDS - Min. Sanità  
Rome January, 13-17, 1997, pg. 327
85. Storlazzi, A., Lembo, F. and **Maresca, B.**  
Isolation and characterization of genes coding for putative virulence factors during infection of macrophages by the pathogenic fungus *H. capsulatum*. II  
IX Congresso Ricerche AIDS - Min. Sanità  
Rome January, 13-17, 1997, pg. 328
86. Carratù, L. and **Maresca, B.**  
Different evolutionary properties of the highly conserved *hsp70* gene in the Antarctic fishes *Chionodraco hamatus* and *Notothenia rossii*.  
Society for Experimental Biology, Canterbury, UK, April 7-8, 1997  
(**Invited speaker**) p.96
87. **B. Maresca**  
Membrane fluid state and  $\Delta^9$ -desaturase expression in *Histoplasma capsulatum*.  
American Society for Microbiology, Miami, FL, May 4-9, 1997  
**Invited speaker** p.23
88. **B. Maresca**  
Stress and lipid membrane  
Stress of Life, Budapest, July 1-5, 1997  
**Plenary Lecture**
89. **B. Maresca**  
Virulence and differentially expressed genes in *H. capsulatum*  
XIII ISHAM  
Salsomaggiore Terme, Parma, Italy, June 8-13, 1997  
**Invited speaker**
90. L. Carratù and **B. Maresca**  
Expression of *hsp70* gene in Antarctic Fish  
ESF Network Fishes of the Antarctic Ocean, Final Meeting

Pontignano (Siena), Italy, May 22-25, 1997

91. L. Carratù and **B. Maresca**  
Cold Adaptation in Antarctic Fish: Evolutionary Adaptation of *hsp70* gene.  
Biology of tropical fish, Manaus, Amazonia, Brazil, October 6-9, 1997; pg. 73-74  
(**Invited speaker**).
92. S. Franceschelli, Kobkul Laoteng, L. Marzullo, L. Vigh and **B. Maresca**  
Modulation of lipid unsaturation by *H.capsulatum*  $\Delta^9$ -desaturase promoter modifies heat shock response, gene expression and TNF cytotoxicity in yeasts and mammalian cells.  
40th NIBB Conference; Sensing, Signal Transduction and Gene Expression. Okazaki, Japan, March 9-11, 1998; **Chairman and Invited speaker**, p.54
93. A.Y. Gracey, S. Colonna-Romano, B. Maresca and A.R. Cossins  
Differential display - a tool for identifying genes involved in cold tolerance in fish  
Society for Experimental Biology, York, UK, March 23-27, 1998, p. 53
94. Geymonat, M., Nicolaus, G., Colonna-Romano and **Maresca, B.**  
Identification and characterization of *MIG* genes in *H.capsulatum* and *C.albicans* during murine macrophage infection.  
First National Program on AIDS, Ist Superiore di Sanità  
Rome June 22-26, 1998, pg. 328
95. **B. Maresca**  
Involvement of membrane's physical state in the control of the expression of heat shock and other genes  
Plant Lipid Conference  
The University of Tokyo, Nov. 27-28, 1998; **Invited Speaker**
96. **B. Maresca**  
Society for Experimental Biology, Thermotolerance, Thermoprotection and Stress Proteins.  
Edimburg, UK, March 23-25, 1999, **Invited Speaker**
97. **B. Maresca**  
Host parasite relationships in establishing virulence.  
University of Guanajuato, Mexico, May 25-27, 1999, **Invited Speaker**
98. **B. Maresca**  
Stress proteins and evolution  
University of Mexico City, Dept. of Mol. Evolution, Mexico, May 24, 1999,  
**Invited Speaker**
99. **B. Maresca**  
Regulation of *mig* genes of *H.capsulatum* during murine macrophage infection in *Histoplasma capsulatum*.  
American Society for Microbiology, Chicago, IL, May 30-June 4, 1999  
(**Convenor**)
100. Geymonat, M., Colonna-Romano, S., Prigneau, O. Franco, A. and **Maresca, B.**  
Identification and characterization of genes induced by *C.albicans* during infection of murine macrophage .  
Second National Program on AIDS, Ist Superiore di Sanità  
Rome June 22-26, 1998, pg. 255
101. Calcagno, A.M., Niño-Vega<sup>1</sup>, G., **Maresca, B.** y San-Blas, G.  
Caracterización de marcadores genéticos originados por RAPD en el hongo *Paracoccidioides brasiliensis*  
III Latin American Mycological Congress  
September 1999, Caracas, Venezuela.

102. **Maresca B**, Colonna-Romano S., Buono S e D'Ursi AM  
Clonaggio, ed analisi dell'espressione del gene delta-9-desaturasi del pesce antartico *Chionodraco hamatus* e primi dati strutturali della proteina.  
Progetto Nazionale Ricerca in Antartide  
Ancona,
103. **Maresca, B.**  
Host parasite interactions in pathogenic fungi  
XIV ISHAM  
Buenos Aires, May 8-12, 2000  
**Invited Speaker**
104. Porta A, D'Ursi AM, Colonna-Romano S and **Maresca B**  
Trascriptional and structural analysis of the delta 9 desaturase gene of the Antarctic fish *Chionodraco hamatus*.  
British Biochemical Society  
Harden/EMBO Conference  
Fatty acid desaturases: form function and future  
Wye College, Kent, UK, July 30 - Aug 2, 2000  
**Invited Speaker**
105. **Maresca. B**  
Membrane lipid/protein interactions modulates the expression of heat shock and other genes regulated by signalling cascades  
Gordon Conference, Heat Stress in Plants  
Ventura, California, Jan 28 - Feb 3, 2001  
**Invited Speaker**
106. **Exploring African Plant Biodiversity for natural products**  
Rome, April 9-11, 2001  
**Invited Speaker**
107. Porta, A., Prigneau, O., Colonna Romano, S., Alfredo, F. and **Maresca, B.**  
Cloning of genes induced by *H. capsulatum* and *C. albicans* during macrophage infection.  
Molecular Biology of Pathogenic fungi  
Tel Aviv, May, 2001  
**Invited Speaker**
108. S. K. Noureini, S. Colonna-romano, A. A. Ziaee, M. Yazdanbod, **B. Maresca**  
Analysis of the pattern of Gene Expression in Esophageous Squamous Cell Carcinoma  
EMBO Workshop The Invasive Growth Program:  
Signals and Effectors  
Second IRCC International Cancer Conference  
February 21-24, 2002 – Candiolo, Torino – Italy
109. Attenuation of heat stress response by genetic modification of MPS causes loss of virulence of *S. typhimurium*  
**B. Maresca**, A.M. Eletto, Z. Torok, A. Franco, P. Ponti, A. Glatz, L. Vigh, S. Colonna-Romano **Invited speaker**  
International Conference on Stress Responses in Biology and Medicine, pp. 58-59  
Sept. 10-14, 2003, Quebec City, Canada
110. Heat stress response from membranes and back to membrane: the Janus-faced stress proteins.  
L. Vigh, A. Glatz, Z. Torok, G. Balogh, N. Tsevetkova, J. Crowe, El Vierling, **B. Maresca**, and I. Horvath  
International Conference on Stress Responses in Biology and Medicine, pp. 67-68  
Sept.10-14, 2003, Quebec City, Canada
111. Porta A, Prigneau O. and **Maresca B.** *Candida albicans* induces genes involved in  $\beta$ -oxidation, energy metabolism, and glyoxylate cycle during macrophage infection. III International Workshop; Molecular Genetic Approaches to the Study of Human Pathogenic Fungi. Puebla, Mexico, March 23-25, 2004. Pg 45

112. Luongo M, **Maresca B** and Porta A. Homology, disruption and phenotypic analysis of *CaGS Candida albicans* gene induced during murine macrophage infection. Pg. 67B. FEBS Advanced Lecture Course; Human Fungal Pathogens. Molecular Mechanisms of Host-Pathogen Interactions and Virulence. La Colle-sur-Loup, France, May 21-28, 2005.
113. **B. Maresca**  
Chaperone folding and homeostasis: theoretical conjecture and vaccine development  
University of Liverpool, UK, **Invited speaker**  
July 12, 2006
114. **B. Maresca**  
Beyond Global Warming  
The World Academy of Art and Science School of Arts and Sciences  
University of Pittsburgh, **Invited Speaker**  
Feb. 28, 2007, Pittsburgh, PA, USA
115. **B. Maresca**, Porta, A.  
Genetic modification of pathogen's membrane fluid state causes reduction of heat shock response and induces attenuation of virulence: a novel general procedure to produce new classes of human and animal vaccines.  
IV Int'l Workshop: Molecular Genetic Approaches to the Study of Human Pathogenic Fungi, pg. 54  
San Luis Potosi, Mexico, May 19-23, 2008, **Invited Speaker**
116. **B. Maresca**  
In Memory of Prof. George S. Kobayashi  
Genetic modification of pathogen's membrane fluid state causes reduction of heat shock response and induces attenuation of virulence: a novel general procedure to produce new classes of human and animal vaccines  
IV Int'l Workshop: Molecular Genetic Approaches to the Study of Human Pathogenic Fungi, pg. 3  
San Luis Potosi, Mexico, May 19-23, 2008, **Invited Speaker**
117. **B. Maresca**  
The missing role of the environment in Darwin's theory of Evolution  
World General Assembly, World Academy of Art and Sciences  
Hyderabad, India, Oct. 16-20, 2008, **Invited Speaker**
118. Porta A, Granata I, Armenante A, Franceschelli S, Vigh L, and **Maresca, B.**  
Changes of Membrane Fluid State and Heat Shock Response Cause Attenuation of Virulence:  
a New General Procedure to Produce a Novel Class of Vaccines  
Soc. Ital. Microbiologia, Spoleto, 11-13 Aprile, 2009
119. Porta A, Granata I, Armenante A, Franceschelli S, Vigh L, and **Maresca, B.**  
Genetic Modification of Pathogens' Membrane Fluid State Causes Changes in Membrane Organization and in the Pattern of Heat Shock Response  
Soc. Ital. Microbiologia, Spoleto, 11-13 Aprile, 2009, **Invited Speaker**
120. Santoriello, M., Castellano, S., Bertamino, A., Cardillo, G., D'Amico, A., Gomez-Monterrey, I., Campiglia, P., **Maresca, B.**, Porta, A., Sbardella, G., Novellino, E.  
Design, synthesis and biological evaluation of a new series of dihydrothiueno[2,3-g and 3,2-g] quinoline-4,9-dione (DTQQ).  
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121. Porta, A., Castellano, S., Armenante, A., Calabrese, E., Santoriello, M., **Maresca, B.**, Sbardella, G., Stefancich, G.  
Superior homologues of bifonazole are endowed with unpredicted fungicidal activity.  
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122. Fortino, V., Porta, A., Tagliaferri, R. and **Maresca, B.**  
Transmembrane regions: a bioinformatic approach to infer homologies  
2010
123. **B. Maresca (invited speaker)**  
La Dimensione Tempo e la struttura del DNA  
Pensare il Tempo  
UNISA e Ist. Italiano per gli Studi Filosofici  
Dip. di Filosofia, UNISA, 18-20 Ottobre, 2010
124.  
Cyborgs Structured with Carbon Nanotubes and Plant and/or Fungal Cells: Artificial  
Tissue Engineering for Mechanical and Electronic Uses  
Material Research Spring Meeting, April 2013