Manuscript no. HAEMATOL/2011/042598 entitled “The use and efficacy of empirical versus pre-emptive therapy in the management of fungal infections: the HEMA e-Chart Project“

Authors: Livio Pagano, Morena Caira, Annamaria Nosari, Chiara Cattaneo, Rosa Fanci, Alessandro Bonini, Nicola Vianelli, Maria Grazia Garzia, Mario Mancinelli, Maria Elena Tosti, Mario Tumbarello, Pierluigi Viale, Franco Aversa, and Giuseppe Rossi on behalf of the HEMA e-CHART Group, Italy

Information about the contributions of each person named as having participated in the study

1) Guarantor(s), i.e., person(s) who is (are) responsible for the integrity of the work as a whole:
   - Livio Pagano, Istituto di Ematologia Università Cattolica del Sacro Cuore Largo Francesco Vito, 1 l-00168 Roma Italia. E-mail: lpagano@rm.unicatt.it

According to the International Committee of Medical Journal Editors (ICMJE) (http://www.icmje.org/ethical_1author.html): “Authorship credit should be based on: 1) substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3 …………………… Acquisition of funding, collection of data, or general supervision of the research group alone does not constitute authorship”.

The guarantors of this manuscript confirm that all persons designated as authors qualify for authorship, and that each author has participated sufficiently in the work to take public responsibility for appropriate portions of the content.

2) Authors who participated in the conception of the study:
   - Livio Pagano
   - Annamaria Nosari
   - Pierluigi Viale
   - Franco Aversa
   - Giuseppe Rossi

3) Design & Methods. The following authors were responsible for specific investigations:
   - Maria Elena Tosti, and Mario Tumbarello were responsible for statistical analysis

4) Results. The following authors were responsible for specific portions of the results, including figures and tables:
   - Morena Caira, Chiara Cattaneo, Rosa Fanci, Alessandro Bonini, Nicola Vianelli, Maria Grazia Garzia, Mario Mancinelli were responsible for collecting the data
   - Livio Pagano and Mario Tumbarello were responsible for all the tables and figures

5) Writing the manuscript. The following authors were responsible for writing the manuscript:
   - Livio Pagano, Mario Tumbarello and Morena Caira

6) Contributors Listed in Acknowledgments: This Project was supported by an unrestricted grant from Merck & Co, Italy".