

**Vystar Polymer Consultant Ranjit K. Matthan, PhD to Present Paper at
MARGMA's 5th International Rubber Glove Conference & Exhibition 2010 in
Kuala Lumpur, Malaysia**

Paper Titled, "Balancing Material Acquisition and Production Costs: Quantifying the True Cost of Aluminum Hydroxide Treated Natural Rubber Latex" to be Presented

*Conference to be Held at the Kuala Lumpur Convention Centre in Kuala Lumpur,
Malaysia, September 28-30, 2010*

ATLANTA, August 5, 2010 – Dr. Ranjit K. Matthan, polymer consultant to Vystar® Corporation, (OTC Bulletin Board:VYST), the exclusive creator of Vytex® Natural Rubber Latex, ("[Vytex NRL](#)") a multi-patented, all-natural raw material that contains significantly reduced levels of the antigenic proteins found in natural rubber latex, will present a paper at the 5th International Rubber Glove Conference & Exhibition, 2010. The conference, organized by the [Malaysian Rubber Glove Manufacturers' Association](#), has as its theme "Gloves ~ The Frontline of Barrier Protection," and will run from August 28-30, 2010 at the Kuala Lumpur Convention Centre in Kuala Lumpur, Malaysia.

Dr. Matthan's paper is titled, "Balancing Material Acquisition and Production Costs: Quantifying the True Cost of Aluminum Hydroxide Treated Natural Rubber Latex." Dr. Matthan, explained, "The true cost of manufacturing is measured as the sum of the total costs throughout the production cycle. Sometimes more can be less. Water and energy stress caused by the growing global population is expected to reach historic proportions, driving supply levels down and costs up, and directly affecting business operations according to a recent United Nations report."

Dr. Matthan continues, "Vytex NRL addresses both of these burgeoning global environmental and manufacturing concerns. With its green beginnings, Vytex NRL is biodegradable and renewable unlike the petroleum-based synthetics in use today that can challenge acquisition, use, and disposal operations. Vystar Corporation has developed a multi-patented technology using green chemistry to remove proteins and other non-rubber impurities from natural rubber latex, creating Vytex NRL (modified NRL). With its significantly reduced antigenic protein content, upgrading to modified NRL can eliminate the need for added processing steps to lower protein levels, saving energy, water, supply, and material handling costs while enhancing quality of the end product."

William R. Doyle, President and CEO of Vystar, commented, "The fact that our paper was accepted by MARGMA is exceptional considering the focus of the conference being on gloves just as we successfully conclude glove trials in Malaysia and start utilizing Vystar Professional Support to help launch exam gloves made with Vytex NRL. Dr. Matthan is exceptionally well-qualified in his field. He holds a Doctorate in Polymer Chemistry and is a Fellow at the Institute of Materials, Minerals and Mining in the UK, at the National College Rubber Technology in London, and at the Indian Rubber Institute. We are very fortunate to have him as one of Vystar's scientific advisors, and I believe his

presentation will put forward a compelling economic and environmental case for using Vytex NRL in many varied industries.”

About MARGMA

The Malaysian Rubber Glove Manufacturers’ Association (MARGMA) is the trade association representing rubber / latex glove manufacturers in Malaysia, and other supplier / supporting companies related to the industry, both local and overseas.

Established in 1989, the Association has been the voice and advocate for the industry in the country, dealing with government lead agencies and related trade associations in the promotion and protection of the interests of the manufacturers and the industry, as well as those of the supporting industries.

About the 5th International Rubber Glove Conference & Exhibition 2010 (IRGCE)
The forthcoming 5th IRGCE will highlight updates on the latest process innovation in the glove industry and aims to bring updates on regulations and standards, besides looking at the issues of competitiveness in the industry. The theme of the 5th IRGCE: "Gloves - The Frontline of Barrier Protection" aptly reflects the importance of gloves for barrier protection.

About Vystar Corporation

Based in Duluth, GA, Vystar Corporation® (OTC Bulletin Board:VYST.ob - News) is the exclusive creator of Vytex Natural Rubber Latex, a multi-patented, all-natural raw material that contains significantly reduced levels of antigenic proteins found in natural rubber latex and can be used in over 40,000 products. Vystar is working with manufacturers across a broad range of consumer and medical products to bring Vytex NRL to market in adhesives, balloons, surgical and exam gloves, other medical devices and natural rubber latex foam mattresses, pillows and sponges. For more information, visit www.vytex.com.

Forward-looking Statements

Certain statements in this document are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act. These statements are based on management's current expectations and are subject to uncertainty and changes in circumstances. Actual results may differ materially from those included in these statements due to a variety of factors. More information about these factors is contained in Vystar's filings with the Securities and Exchange Commission.

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