

Sigma-Aldrich Expands Its Capabilities by Creating a Hard Materials Center of Excellence

Facility specializes in manufacturing for the energy, electronics and other hard materials markets

ST. LOUIS, MO. - November 30, 2010 - [Aldrich Materials Science](#), a [Sigma-Aldrich](#) (NASDAQ: SIAL) business, announced that it has expanded its capabilities for the preparation, processing and analysis of 'Hard Materials,' including ultra-high purity metals, metal salts, alloys and ceramics. The Company's site in Urbana, Illinois will serve as the Company's Hard Materials Center of Excellence.

The Urbana site is home to a highly experienced team, with preparation knowledge for more than 100 metal halides from across the periodic table, as well as an understanding of the proprietary beading technique that offers the advantages of very low trace moisture content and ease of handling and delivery. This foundation now serves the medical and radiation detection markets and is expected to expand the Aldrich Materials Science offering to serve the energy, electronic and other hard materials markets.

The Urbana facility has capabilities in solid-state synthesis, ceramic processing, metal alloying, purification of metals and metal salts, beading technology, inert gas handling and packaging, as well as a full analytical suite. These capabilities are used in the preparation of alloys, complex oxides and composites for energy and biomedical applications, as well as advanced structural and electronic ceramics for electronic applications.

"The experienced team and capabilities at the Urbana site enables custom materials design for industrial and academic customers. It also enables our participation in a variety of exciting projects, such as our collaboration with the Ames Laboratory (Ames, IA) to address the current rare earth metal shortage crisis," said Dr. Viktor Balema, Market Segment Manager, Aldrich Materials Science.

For more information about Aldrich Materials Science and the Hard Materials Center of Excellence, please contact us at matsci@sial.com.

Cautionary statement: The foregoing release contains forward-looking statements that can be identified by terminology such as "expected to expand," or similar expressions, or by expressed or implied discussions regarding potential future revenues from products derived therefrom. You should not place undue reliance on these statements. Such forward-looking statements reflect the current views of management regarding future events, and involve known and unknown risks, uncertainties and other factors that may cause actual results to be materially different from any future results, performance or achievements expressed or implied by such statements. There can be no guarantee that the Hard Materials Center of Excellence will achieve any particular levels of revenue in the future. In particular, management's expectations regarding the Hard Materials Center of Excellence could be affected by, among other things, unexpected regulatory actions or delays or government regulation generally; the Company's ability to obtain or maintain patent or other proprietary intellectual property protection; competition in general; government, industry and general public pricing pressures; the impact that the foregoing factors could have on the values attributed to the Company's assets and liabilities as recorded in its consolidated balance sheet, and other risks and factors referred to in Sigma-Aldrich's current Form 10-K on file with the US Securities and Exchange Commission. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those anticipated, believed, estimated or expected. Sigma-Aldrich is providing the information in this press release as of this date and does not undertake any obligation to update any forward-looking statements contained in this press release as a result of new information, future events or otherwise.

About Sigma-Aldrich: Sigma-Aldrich is a leading Life Science and High Technology company committed to Enabling Science to Improve the Quality of Life. Its chemical and biochemical products and kits are used in scientific research, including genomic and proteomic research, biotechnology, pharmaceutical development and as key components in pharmaceutical, diagnostic and other high technology manufacturing. The Company has customers in life science companies, university and government institutions, hospitals, and in industry. Over one million scientists and technologists use its products. Sigma-Aldrich operates in 40 countries and has 7,700 employees providing excellent service worldwide. For more information about Sigma-Aldrich, please visit its award-winning Web site at <http://www.sigma-aldrich.com>.

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