



Your contact

Markus Kaiser
Tel. +49 (0)6151 72-2031

Press release

September 8, 2010

Merck presents itself at SPICA 2010

- **Merck as a competent and reliable partner to the pharmaceutical and biopharmaceutical industries for preparative and industrial chromatography**

Darmstadt, September 8, 2010 – At this year's SPICA (www.spica2010.se), Merck will not only showcase a selection of its key focus products, but will also be represented with a presentation. Prof. Dr. Christian Frech will lecture on "Protein Adsorption and Transport in Cation Exchangers: Influence of Surface Modifications". With its commitment at the symposium, Merck once again demonstrates its position as a global leader in preparative and industrial chromatography.

"Merck offers a wide range of customer-focused solutions in the field of chromatography. Whether it's a matter of producing small-molecule pharmaceuticals or performing large-scale biotech processes, we have established ourselves as a competent and reliable partner in all fields," says Dr. Elfriede Sextl, Marketing Manager at Merck KGaA. "Thoroughness and transparency are the basis of our success. Each individual production step is reproducible and close monitoring ensures that all purity requirements are met. The combination of expertise, decades of experience and a perfectly functioning quality management is the reason why customers all over the world place their trust in technologies from Merck."

Merck KGaA

Public Relations Chemicals
Communication Chemicals
Frankfurter Strasse 250
64293 Darmstadt

Phone: +49 (0)6151 72-2031
Fax: +49 (0)6151 72-912031
E-mail: chemcom@merck.de
Internet: www.merck-chemicals.com



Press release

Biochromatography resins

Particularly in biomolecule purification, the importance of efficient and cost-effective purification possibilities is growing continuously. With the [Eshmuno™](#) product line, Merck offers cation and anion exchangers that enable biomolecule purification at a high level of productivity. This opens up entirely new possibilities for the pharmaceutical industry in particular, e.g. for blood plasma purification or production of bioactive substances, such as insulin. Merck offers further biochromatography resins under the product name [Fractogel®](#). Besides the numerous Fractogel® ion exchange resins, Fractogel is also used successfully in size exclusion chromatography (SEC) and in immobilized metal affinity chromatography (IMAC).

Inorganic sorbents

Today Merck offers a wide portfolio of silica gels and aluminum oxides. With their controlled purity, non-toxicity and chemical stability, they are suitable for a broad spectrum of applications.

Standardized [silica gels](#) consist of highly pure silicon dioxide and were developed for adsorbing and purifying organic compounds and APIs (active pharmaceutical ingredients). Like silica gel, **aluminum oxides** can adsorb organic compounds, but thanks to their ion exchange capability, they can also eliminate mineral acids and ions from solutions. Specially for preparative and industrial liquid chromatography, Merck offers the [LiChroprep®](#) product line, which is used particularly in the pharmaceutical and biopharmaceutical industries.

All Merck press releases are distributed via e-mail at the same time they become available on the Merck website: Please go to <http://www.merck.de/newsabo> to register online, change your selection or discontinue this service.

Merck is a global pharmaceutical and chemical company with total revenues of EUR 7.7 billion in 2009, a history that began in 1668, and a future shaped by approximately 40,000 (including Merck Millipore) employees in 64 countries. Its success is characterized by innovations from entrepreneurial employees. Merck's operating activities come under the umbrella of Merck KGaA, in which the Merck family holds an approximately 70% interest and free shareholders own the remaining approximately 30%. In 1917 the U.S. subsidiary Merck & Co. was expropriated and has been an independent company ever since.