



## Enabling Technologies CONSORTIUM™

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### Enabling Technologies Consortium™ (ETC) Issues Request for Information (RFI) Regarding Next-Generation Preparative Supercritical Fluid Chromatography Instrumentation

Preparative supercritical fluid chromatography (SFC) has been a preferred method for small scale purification in the pharmaceutical industry for over fifteen years, but its use as a semi-preparative and preparative purification technique has been limited compared to high-performance liquid chromatography (HPLC). Considering the numerous benefits afforded by SFC versus HPLC, such as cost and time savings, selectivity, sensitivity, and the environmental friendliness of SFC, the pharmaceutical industry would benefit greatly from robust SFC instrumentation supporting semi-preparative and preparative applications. Realizing this, members of the Enabling Technologies Consortium™ (ETC) are seeking to broaden the applicability of this technique to the pharmaceutical industry through a collaborative effort to develop the “next generation” semi-prep and preparative scale SFC instrumentation and solutions for compound analysis and purification.

“There is a real need for improved instrumentation in this area” noted Regina Black, Bristol-Myers Squibb, Co-Lead of ETC Next-Generation Preparative Supercritical Fluid Chromatography Instrumentation project team, along with Mirlinda Biba, PhD, Merck & Co. “We have assembled an impressive team of prep SFC practitioners from across the pharmaceutical industry, and we are really looking forward to working together with instrument providers to help create next-generation tools in this important area.”

As a first step in establishing this partnership, ETC has placed an open call to the vendor community by means of a “Request for Information” (RFI) through the ETC website, [www.etconsortium.org](http://www.etconsortium.org). The purposes of this RFI are to solicit interest from the vendor community in collaborating on this project and to allow vendors to learn more about the technology requirements sought by ETC. This information will be used by ETC to further define this project and ultimately select a vendor to partner with through a formal “Request for Proposals” (RFP) process later this year. It is the intention of ETC that upon completion of this project, new SFC instrumentation will have been developed and made available to the scientific community as a commercialized product.

We invite any vendor who may be interested in this project to participate by downloading the RFI from the ETC website and submitting a response by the August 26, 2016 deadline.

**About Enabling Technologies Consortium™: ([www.etconsortium.org](http://www.etconsortium.org))**

*The Enabling Technologies Consortium™ (ETC) is comprised of pharmaceutical and biotechnology companies collaborating on issues related to pharmaceutical chemistry, manufacturing, and control with the goal of identifying, evaluating, developing, and improving scientific tools and techniques that support the efficient development, and manufacturing of pharmaceuticals. The purpose of this consortium is to identify pro-actively high-value opportunities to deliver innovative technologies where the business case is compelling and collaboration with the broader external community is required. For more information please contact the Secretariat at [info@etconsortium.org](mailto:info@etconsortium.org).*