

**Association of Biomolecular Resource Facilities**  
**Edman Sequencing Research Group**  
<http://www.abrf.org/esrg>

**2009 ESRG Study: Comparing Edman and Mass Spectrometry techniques for N-terminal sequencing**  
August 26, 2008

Dear Colleagues:

The Edman Sequencing Research Group (ESRG) is pleased to announce the availability of test samples for our 2009 study. The purpose of this year's study is to investigate both traditional and alternative methods for obtaining the N-terminal sequence of a protein. Participants may use any available Edman, mass spectrometric or biochemical method or technology they choose, or a combination of techniques. Sufficient quantities of two lyophilized samples will be provided and we would like to compare the extent of N-terminal sequence obtained by a variety of methods. To that end we propose to open the study to all mass spectrometry and proteomic laboratories as well as Edman sequencing facilities.

Participating laboratories will submit their data electronically to the ESRG for tabulation of the results. Results will be presented at the ABRF 2009 meeting February 7-10, 2009 in Memphis, Tennessee and subsequently posted on the ABRF website. A brief instrument and methods survey will also be part of the data submission process. To obtain a sample and participate in the 2009 study, e-mail your request to: [wendys@gene.com](mailto:wendys@gene.com)

**Please include in your request the address to which the samples should be sent.**

Final sample requests should be made by **October 3, 2008**.

Data should be submitted by **December 5** to be included in the 2009 study.

As in the past, results will be stripped of all identifiers so as to maintain the anonymity of the participants. An identification number will be issued so you may compare your results to other participating laboratories at the meeting.

Thank you for your interest in the ESRG 2009 study and we look forward to seeing you in Memphis!

Sincerely,

The ABRF Edman Sequencing Research Group:

Peter Hunziker (Chair)

Brian Hampton (Chair-emeritus)

Richard Thoma (Chair-emeritus)

Kerry Maddox

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