



Nationwide Voucher Program

Purpose: The IDeA National Resource for Quantitative Proteomics provides subsidized access to sophisticated proteomics services for investigators performing biomedical research within the mission of NIGMS (<http://idearesourceproteomics.org/>). In addition to providing cost effective access to a variety of proteomics services, the resource supports a competitive voucher program that provides fully subsidized access at no cost to the user. The goal of the voucher program is to provide pilot scale data to investigators that will create new hypotheses, support publications, and support on-going research studies within the mission of NIGMS. This voucher program supports discovery proteomics workflows limited to 10 sample Tandem Mass Tag (TMT) or 20 sample data independent acquisition (DIA) quantitative proteomic platforms. For example, a 10-plex TMT could be 5 biological replicates of a control versus 5 biological replicates of a treated cell line, while a 20 sample DIA could be 10 control vs 10 experimental tissue/plasma samples. Interested applicants must contact the resource prior to applying to discuss the proposed sample analysis and determine eligibility for the voucher program. Applications must include a quote from the resource for the proposed experiment.

Voucher application due dates: 5:00pm on October 15, February 15, June 15

Earliest start date: November 1, March 1, July 1

Anticipated number of awards: 100 annually

Award budget: \$2,000 voucher for 10-plex TMT or 20 sample DIA

Award Period: 4 months from start date

Eligibility: One awarded voucher per laboratory Principal Investigator per year. Priority will be given to researchers funded by NIGMS, funded through the NIGMS-IDeA Program, and early-stage/new investigators working within the mission of NIGMS. Only one submission per laboratory Principal Investigator per due date.

Pre-submission requirement: Interested applicants are required to contact the resource at IDeAproteomics@uams.edu or Dr. Samuel Mackintosh at sgmackintosh@uams.edu at least two weeks prior to submission to discuss the proposed analysis, determine eligibility for the voucher program, and obtain a quote.

Content and form of application submission: Applications are limited to 2 pages (11pt font, single spaced, 0.5 inch margins) and should include the following sections: *Project Overview* (outlining the specific research question), *Preliminary Studies* (providing example data to support the proposed proteomics analysis), *Quality Control Data* (verification of sample quality and sufficient amount of protein per sample), *Experimental Design* (applications must propose a specific proteomics experiment) and *Data Utilization* (discussing how the proteomics data will be used to support work within the scope of NIGMS). The required pre-submission consultation will be used to determine whether TMT or DIA proteomics will be most appropriate for the study. Applications are to be submitted as a PDF file at <https://proteomics.piestar-rfx.com/>.

Other documents for submission: Quote from resource for proposed experiment; Principal Investigator NIH Biosketch and Other Support documents.

Other requirements: For eligibility, recipients will be required to participate in pre- and post-award surveys.

Contacts: For general questions, contact IDeAproteomics@uams.edu or Dr. Samuel Mackintosh at sgmackintosh@uams.edu. For administrative questions, contact Ms. Sonet Weed (SWeed@uams.edu).