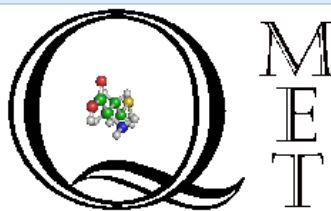


## Part 2: Expression of Interest in a Urine-based Interlaboratory Comparison



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### Expression Of Interest in a Urine-based Interlaboratory Comparison

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OMB Control No. 0690-0030  
Expiration Date: 06/30/2017

#### Instructions

Thank you for voluntarily providing information about your interest in and capabilities for a potential metabolomics interlaboratory comparison involving measurements on human urine samples. With a pilot exercise underway, we are presently collecting information regarding participant interest and capabilities for a public interlaboratory comparison in 2017.

The primary goal of the exercise is to assess reproducibility of urine metabolomics analyses based on specific protocols for NMR, GC/MS, and LC/MS based measurements. It will be important for participants to adhere to the established protocols as closely as possible to ensure comparability of results. A small number of samples will be analyzed (<10) with participants providing raw data, processed data and calculation results in standardized formats. Both participant and NIST data (raw and processed) will be used to develop consensus data for the characterization of each sample (both global profiling and targeted metabolomics), and applied to the assessment of sample suitability as a reference material. We anticipate that the samples will be publically-accessible NIST reference materials for future urine-based metabolomics studies.

All results will be reported anonymously; laboratories will be identified by code numbers known to them, but not to other participants. Participating laboratories will only be identified as exercise participants, and not linked to any particular result.

All expressions of interest are welcome; however, enrollment in the public exercise may be limited due to the predetermined amount of materials. We will do our best to accommodate all requests for participation.

If you have questions, you can e-mail us at [qmet@nist.gov](mailto:qmet@nist.gov).

(\* Designates required fields)

#### Your Information

Last Name

\*

First Name

\*

Title/Position

\*

e-mail

\*

Title/Position \* e-mail \*

### Institution Information

**Name of Institution**  
Name of Institution \* Website

**Address 1**  
Address 1 \* **Address 2**  
Address 2

**City**  
City \* **State/Prov**  
State/Pr \* **Postal Code**  
Postal Co \* **Country**  
Country \*

**Phone**  
Phone \* **Type of Institution**  
For-profit Corporator \*

### Instrument Information

**Instrumentation available for the exercise (Check all that apply) \***

- LC Mass Spectrometry
- GC Mass Spectrometry
- NMR
- Other

LC/MS GC/MS NMR Other

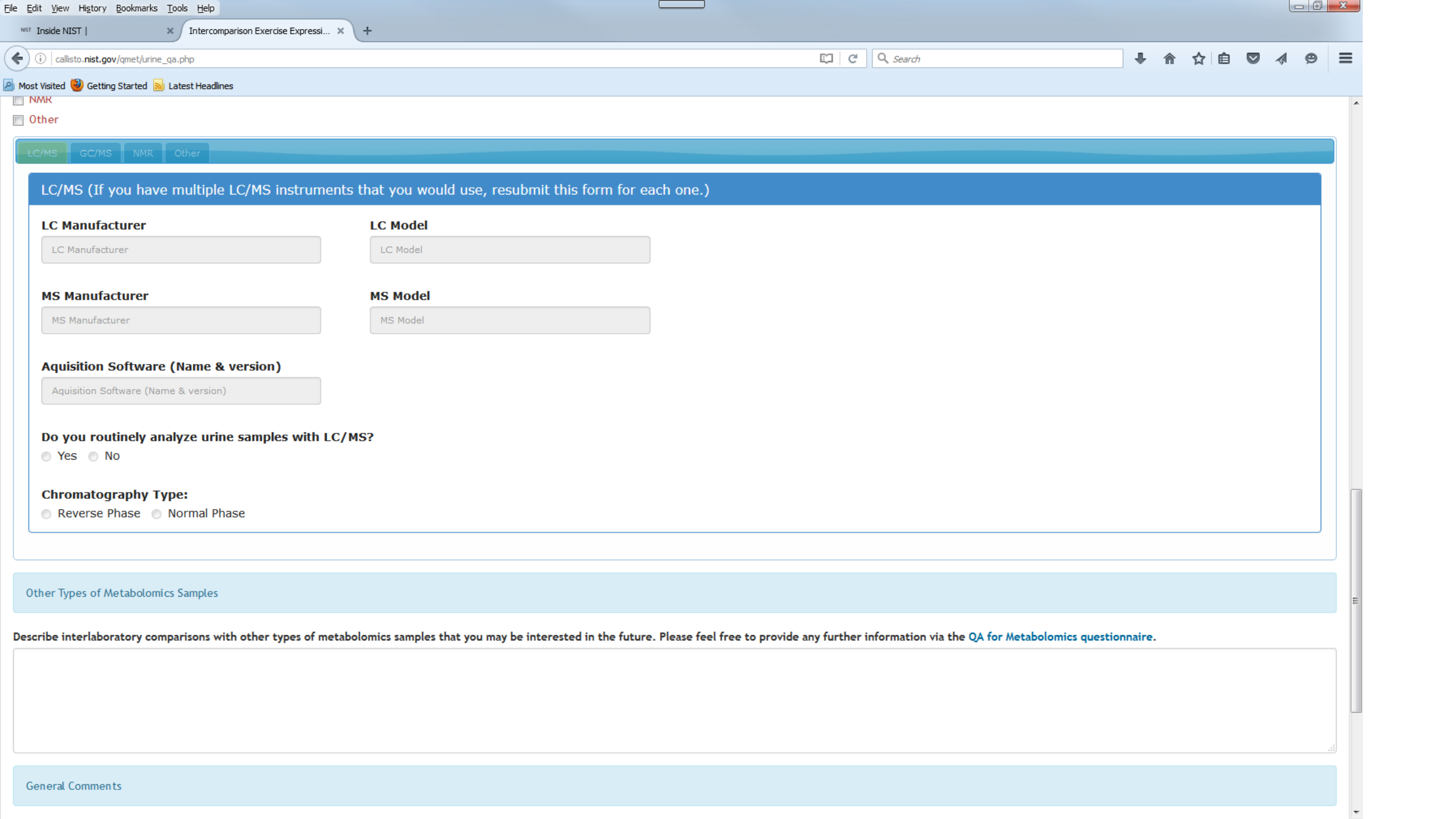
### LC/MS (If you have multiple LC/MS instruments that you would use, resubmit this form for each one.)

**LC Manufacturer**  
LC Manufacturer

**LC Model**  
LC Model

**MS Manufacturer**  
MS Manufacturer

**MS Model**  
MS Model



NMR

Other

LC/MS GC/MS NMR Other

LC/MS (If you have multiple LC/MS instruments that you would use, resubmit this form for each one.)

LC Manufacturer

LC Manufacturer

LC Model

LC Model

MS Manufacturer

MS Manufacturer

MS Model

MS Model

Aquisition Software (Name & version)

Aquisition Software (Name & version)

Do you routinely analyze urine samples with LC/MS?

Yes No

Chromatography Type:

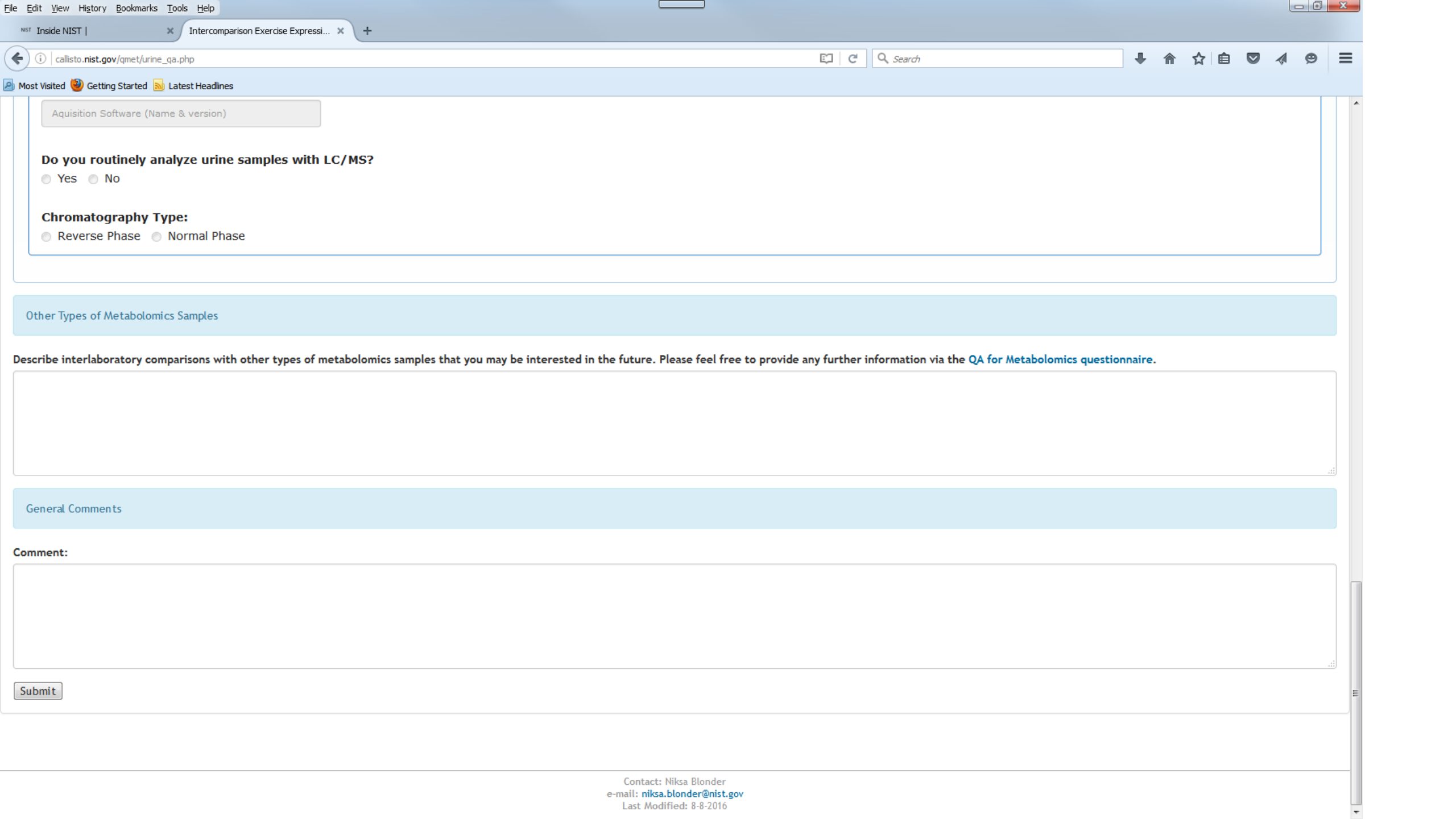
Reverse Phase Normal Phase

Other Types of Metabolomics Samples

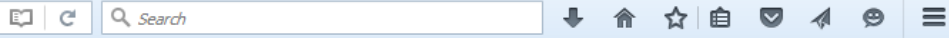
Describe interlaboratory comparisons with other types of metabolomics samples that you may be interested in the future. Please feel free to provide any further information via the QA for Metabolomics questionnaire.

Text area for describing interlaboratory comparisons.

General Comments



callisto.nist.gov/qmet/urine\_qa.php



Aquisition Software (Name & version)

**Do you routinely analyze urine samples with LC/MS?**

Yes  No

**Chromatography Type:**

Reverse Phase  Normal Phase

### Other Types of Metabolomics Samples

Describe interlaboratory comparisons with other types of metabolomics samples that you may be interested in the future. Please feel free to provide any further information via the [QA for Metabolomics questionnaire](#).

### General Comments

**Comment:**

Submit