**Mass Spectrometry Sample Submission Form**

**Advisor signature**

**HRMS/MS (Q-TOF)\_(Only for direct Infusion)**

**Please fill out the form as completely as possible; multiple pages are fine.**

**Fill out this form and submit it to** **qtofmsmuscch@gmail.com**

**Sample can be send to C119 Room**

Contact SCMU staff at qtofmsmuscch@gmail.com with questions.

|  |  |
| --- | --- |
| Date Submitted |  |
| Submitter Name |  |
| Submitter email |  |
| Research Group: |  |
| **Describe the experiment you would like performed (i.e., what information are you expecting to obtain):**  |
| **-All samples should be submitted in physical form, solids or liquid. Solution forms are only accepted when the compound is separated by HPLC.****- ESI and APCI Ionization source : Recommended sample concentration: ~ 0.5-1.0 mg** **-The DirectProbe (DIP) : 3.0-5.0 mg****-Submission tube (s) should be either an Eppendorf tube or a HPLC vial and 1 empty Eppendorf tube or a HPLC vial****-Vial insert can be used. Label all samples clearly sample’s ID.** |
| **Please indicate desired method:** **☐ Exact Mass (High resolution spectrum) ☐ MS/MS (please indicate the m/z)** **☐ LC/MS (Consult with lab staff about conditions and scheduling.)** |

|  |  |
| --- | --- |
| Sample(s) to be returned? | ☐Yes ☐No  |

**Sample Information (when submitting more than 7 samples, please add more numbers and fill out each section for each sample submitted).**

* **Names of sample(s) submitted:**

 **Sample Label (as appears on vial)**

* **Soluble in (mark all that apply):**

 **(no THF and TFA as they promote ion suppression)**

**Please Scan QR code: Log book HRMS/MS (Q-TOF)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Names of sample** | **Molecular Formula** | **Molecular Mass (Exact mass calculator)** | **Soluble in: H2O, MeOH, CH3CN,CH2Cl2 Hexane** | **Sample purity: Crude, Partially Purified,Pure** | **Please indicate desired ion source:****ESI or APCI or DIP****(Please choose one)** | **Ionization Polarity****Positive or Negative****(Please choose one)** |
| **[M]+** | **[M+H]+** | **[M+Na]+** | **[M-H]-** |
| **1.** |  |  |  |  |  |  |  |  |  |
| **2.** |  |  |  |  |  |  |  |  |  |
| **3.** |  |  |  |  |  |  |  |  |  |
| **4.** |  |  |  |  |  |  |  |  |  |
| **5.** |  |  |  |  |  |  |  |  |  |
| **6.** |  |  |  |  |  |  |  |  |  |
| **7.** |  |  |  |  |  |  |  |  |  |