Stanford University Mass Spectrometry (SUMS) Seed Grant
Special Call – Xevo TQ-XS Triple Quad Mass Spectrometer

Source of funds: Stanford University Mass Spectrometry – Dean of Research

Overview: The NIH Shared Instrumentation Grant program has funded acquisition of a new triple quadrupole LC/MS platform with both high- and low-flow UPLC front ends. The Xevo TQ-XS is a state-of-the-art mass spectrometer with exceptional sensitivity and selectivity for targeted quantitation applications. Exciting, groundbreaking research happens where different fields, technologies and knowledge come together. The objectives of this special SUMS Seed Grant call are as follows:
- Assisting PIs to incorporate the Xevo’s capabilities into their research
- Building an expanded user base for the Xevo
- Developing and implementing new workflows
- Helping PIs generate preliminary data for external grant proposals

Applicants are strongly encouraged to discuss potential projects with SUMS staff before proposal submission.

Eligibility: Stanford University Academic Council members and Medical Center Line (MCL) faculty. Projects must be new to SUMS, rather than a continuation of an existing project with SUMS. One proposal per PI.

Selection: For consideration, proposals should be submitted to SUMSseedfunding@lists.stanford.edu. The funding will be applied toward SUMS user fees. Maximum seed request is $7,500. Matching funds are required, minimum 1:1. Awardees will present their seed projects at the annual Stanford Mass Spectrometry Users’ Meeting in October 2020.

Proposals: Proposals should be concise and practical – maximum of 2 pages, organized as follows:
1. Project Title, PI, and PI lab lead contact
2. Project background and significance
3. Seed project goals
4. Experimental design, methods
5. Budget:
   a. Required: requested seed funds ($7.5K max) & PI matching funds – to cover SUMS staff & instrument time
   b. Optional: Additional PI lab investment – supplies, reagents, etc.
6. Timeline for project start and completion
7. Prospective outcomes, e.g. potential for future mass spec-based work, broadly useful methodology, sharing a unique approach, new application area, publications, presentations, preliminary data for external grant proposal

Dates: Proposals will be accepted until October 28, 2019. Awards will be made in November 2019 after consideration of proposals by an internal selection committee.