

**TRIUMF
LIFE SCIENCES PROJECTS
EVALUATION COMMITTEE MEETING
POSTER COMPETITION
JUNE 1, 2023 | 16:00 to 16:45
TRIUMF MOB AUDITORIUM**

1. Name: **Nicolas Fedrigo, BASc, Engineering Co-Op Student**
 Affiliation(s): **Life Sciences Division, TRIUMF**
 School of Biomedical Engineering, University of British Columbia
 Supervisor(s): **Paul Schaffer (TRIUMF)**
 Stuart McDiarmid (TRIUMF)
 Title: **Development of the TRIUMF Automated Chemistry Unit (TACU): a Modular Radiometal Target Processor and Generator with Configurable Cassettes**

2. Name: **Luke Wharton, Post-Doctoral Researcher, Radiopharmaceutical Development**
 Affiliation(s): **Life Sciences Division, TRIUMF**
 Supervisor(s): **Hua Yang (TRIUMF)**
 Title: **Preclinical evaluation of [155/161Tb]Tb-crown-TATE – a novel SPECT imaging agent targeting neuroendocrine tumors**

3. Name: **Charlene Harriswangler, PhD Candidate – Chemistry**
 Affiliation(s): **Life Sciences, TRIUMF**
 Center for Advanced Scientific Research (CICA) and Department of Chemistry,
 Faculty of Sciences, A Coruña, Galicia, Universidade da Coruña
 Department of Chemistry, Simon Fraser University
 Supervisor(s): **Caterina Ramogida (SFU/TRIUMF)**
 Carlos Platas Iglesias (Universidade da Coruña)
 David Esteban Gómez (Universidade da Coruña)
 Title: **Study of large 18-membered macrocycles for 203Pb radiolabeling**

4. Name: **Brooke McNeil, PhD Candidate – Medical Inorganic Chemistry and Radiochemistry**
 Affiliation(s): **Life Sciences Division, TRIUMF**
 Department of Chemistry, Simon Fraser University
 Supervisor(s): **Caterina Ramogida (SFU/TRIUMF)**
 Title: **Optimized Production, Purification, and Radiolabeling of the 203Pb/212Pb Theranostic Pair**

5. Name: **Robbie Haynes, MPhys – Physics**
Affiliation(s): **Life Sciences Division, TRIUMF**
Department of Physics and Astronomy, University of Edinburgh, UK
Supervisor(s): **Monika Stachura (TRIUMF)**
Title: **Upgrade to the bNMR spectrometer at TRIUMF**

6. Name: **Deniz Sogutlu, BSc, Physics Engineering Co-op Student**
Affiliation(s): **Life Sciences Division, TRIUMF**
Department of Mechanical Engineering, University of British Columbia
Supervisor(s): **Monika Stachura (TRIUMF)**
Title: **Machine learning aided automating tuning of the bNMR spectrometer at TRIUMF**

7. Name: **Aivija Grundmane, PhD Candidate – Chemistry**
Affiliation(s): **Life Sciences Division, TRIUMF**
Department of Chemistry, Simon Fraser University
Supervisor(s): **Valery Radchenko (TRIUMF)**
Caterina Ramogida (SFU/TRIUMF)
Title: **Improvements in Production and Purification of Antimony-119 for Targeted Meitner-Auger Therapy**

8. Name: **Helena Koniar, PhD Candidate – Medical Physics**
Affiliation(s): **Life Sciences Division, TRIUMF**
Department of Physics and Astronomy, University of British Columbia
Supervisor(s): **Paul Schaffer (TRIUMF)**
Title: **Performance assessment of quantitative preclinical SPECT imaging with ^{155}Tb and ^{161}Tb**