Closing Remarks

- Thank you for attending the Tutorial on Quantum Computing for multi-omics analyses.
- What did we learn?
  - Basic principles of Quantum Computing
  - How to setup a quantum circuit with Qiskit?
  - Various quantum computing algorithm and applications in multi-omics data
  - Deep dive on Quantum Machine Learning and Quantum Walk-based graph representation learning algorithms, their advantages and limitations
  - How to run quantum experiments on your data?

- We hope you had fun and learned something new. Hope you will be able to use QML in your research. Feel free to reach out to us if there are any questions


Aritra Bose, PhD
IBM Research


Filippo Utro, PhD
IBM Research


Laxmi Parida, PhD
IBM Research

Quantum for Life Sciences

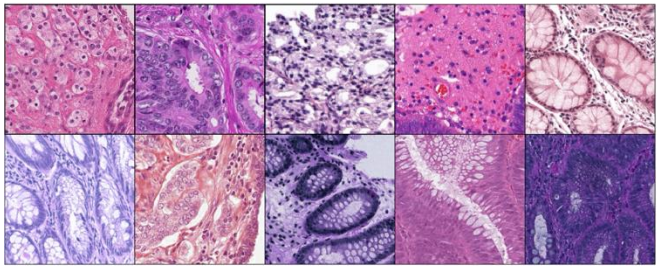
Tuesday, July 14, 2026 | 14:20 – 16:00

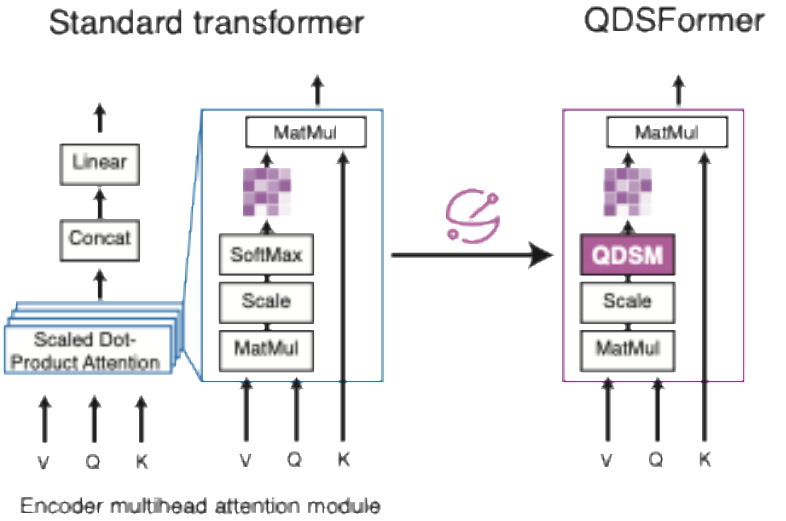
Room Monroe

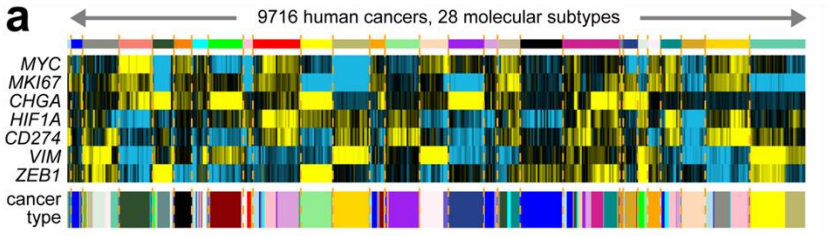
Where quantum computing meets life sciences

Join us at the special session to explore the intersection of quantum computing and life sciences!

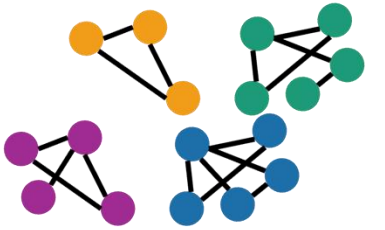
Hybrid quantum-classical attention for histopathology-based molecular profiling in data-limited cancers







Track: Bioinformatics in the USA
Time: 15:00-15:20, Thursday, 7/16
Venue: Room 9-10 Combo



Share Your Feedback

Scan the QR code to let us know your thoughts on this tutorial.

ISMB 2026
WASHINGTON, DC
JULY 12–16

Everyone who completes the survey will be entered into a drawing to receive a discount code for up to $250 off an ISCB conference of their choice.

Thank you!