



Organizer and Instructor Certificate

The University of Tennessee Health Science Center (UTHSC) is pleased to certify that

Andrea Guarracino

has successfully delivered the UTHSC/GGI Course **MemPanG24**

Computational pangenomics course, conference, and biohackathon, exploring the cutting edge of pangenomes, biology, methods, software, and artificial intelligence (AI).

that took place at the University of Tennessee Health Science Center, Freeman Auditorium at the Hamilton Eye Institute in Memphis, TN, playing the role of **instructor** and **organizer** from Saturday, May 18, 2024 to Wednesday, May 22, 2024, and playing the role of **chair** on Monday, May 20, 2024.

Memphis,



Robert W. Williams, Ph.D.
Genetics, Genomics and Informatics
23May2024

Robert W Williams
Professor and Chair of Genetics, Genomics and Informatics
University of Tennessee Health Science Center