



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 **MemPanG23**

A computational pangenomics course and virtual conference

that took place at the University of Tennessee Health Science Center, Mooney Building in Memphis, TN, playing the role of **instructor** and **organizer** from Tuesday, May 30, 2023 to Thursday, June 1, 2023, and playing the role of **chair** on Friday, June 2, 2023.

Memphis,



20Jun2023

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