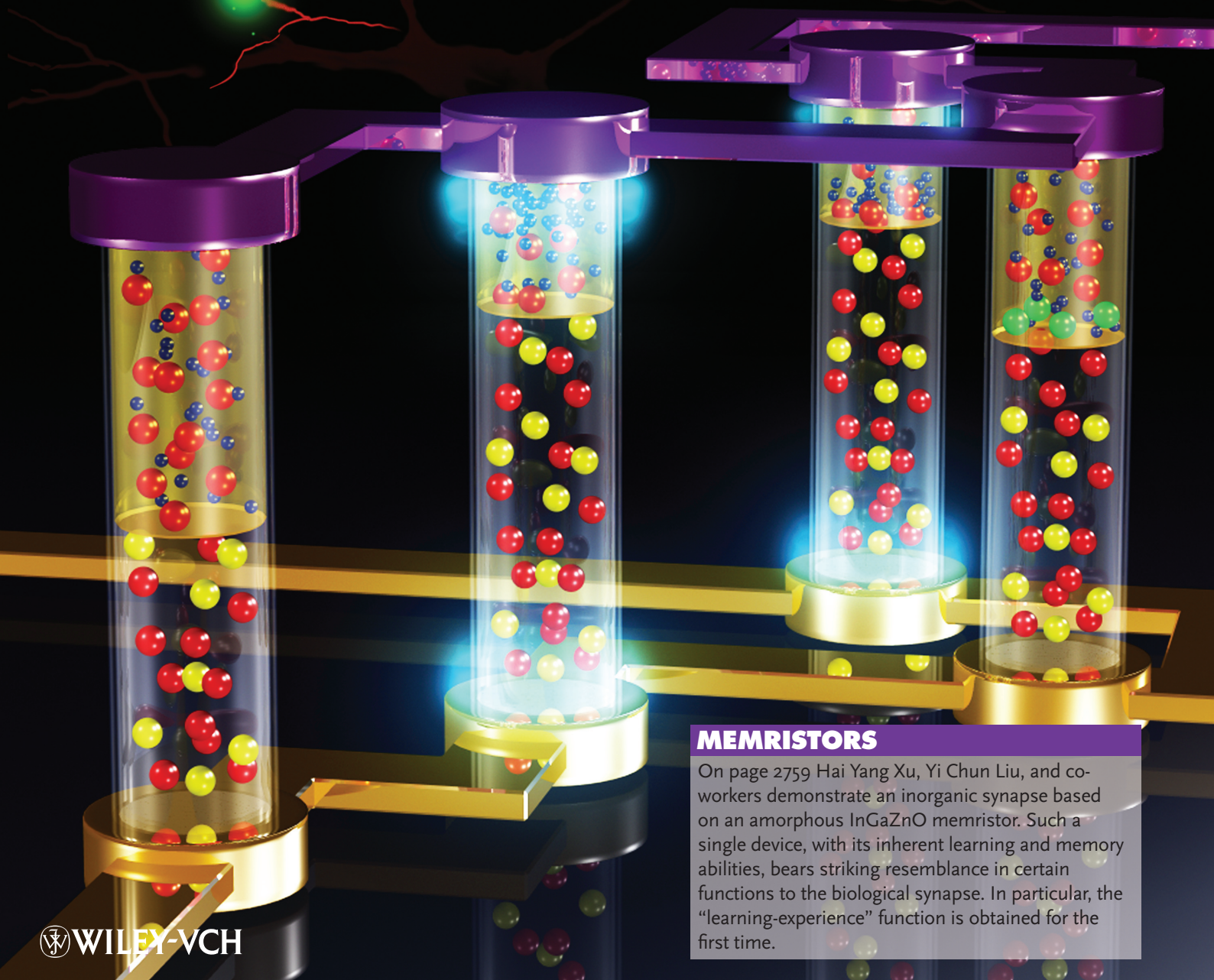


ADVANCED FUNCTIONAL MATERIALS



MEMRISTORS

On page 2759 Hai Yang Xu, Yi Chun Liu, and co-workers demonstrate an inorganic synapse based on an amorphous InGaZnO memristor. Such a single device, with its inherent learning and memory abilities, bears striking resemblance in certain functions to the biological synapse. In particular, the “learning-experience” function is obtained for the first time.