**Supplementary Figure S2**—Activity graph contrasting a pet’s specific restless behavior for one day (5:00-11:00 PM, depicted in blue) with its usual historical activity (shown in red). The 8 PM peak corresponds to the pet’s regular evening walk. Generated using PetPace collar biometric data, the graph aids in identifying elusive earliest behavioral changes that may be linked to CCD. When integrated with neurodegenerative blood biomarker results, a comprehensive understanding of early stage of CCD can be developed. Courtesy of Dr. Asaf Dagan, PetPace, Inc.