

Fig. S1. Pathological presentation of UC of the urinary bladder in a canine, feline, bovine and human. Macroscopic image of an invasive UC from an a, 7-year old female neutered Great Dane dog, c, 18-year old female neutered Domestic shorthair cat, e, 4-year old female Holstein-Friesian cow and g, 73-year old male. Histopathological image of a H&E-stained section (x20 magnification) of invasive UC from an b, 7-year old female dog of unknown neutering status and breed, d, 5-year old male neutered Domestic shorthair cat, f, female Holstein-Friesian cow of unknown age and h, 73-year old male. Photo credits: Dr. Jeff Caswell, Department of Pathobiology, University of Guelph, Canada (a, c) and Professor Antonio Lopez-Beltran, Champalimaud Clinical Center, Portugal (g, h).