



**Figure S5. Effect of pH on the folding and secondary structure of 1018-K6 monitored by spectroscopic techniques.** CD and fluorescence spectra of 1018-K6 at 50  $\mu$ M concentration were recorded in water at (A) pH 2.0, (B) pH 7.0 and (C) pH 12.0, in the presence of 150 mM SDS up to 48 h incubations. The spectra of peptide samples in absence of SDS (blue lines) were also reported. The spectra were recorded at t=0 (magenta lines), t=24 h (green lines) or t=48 h (purple lines).