## **Supplementary Materials**

Scheme of presumed seeding of  $PrP^{s_c}$  in non-compact parts of A $\beta$  plaques in AD and CJD in comorbidity. It is hypothesized that the first step in the development of the compound A $\beta$  and  $PrP^{s_c}$  plaques is formation of either cored or non-cored neuritic plaques where the compact parts are enriched by A $\beta_{40}$ , while non-compact parts with predominant A $\beta_{42}$ , is located mostly in the periphery. The second step is coaggregation of pathological  $PrP^{s_c}$  not only, but mostly in the non-compact periphery of either cored or non-cored neuritic plaques. The scheme was composed using Servier Powerpoint Image Bank: <u>http://www.servier.com/</u>.

