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ARTICLE TYPE

Supporting Information for:

Phase behaviour and complex coacervation of polypeptide solutions

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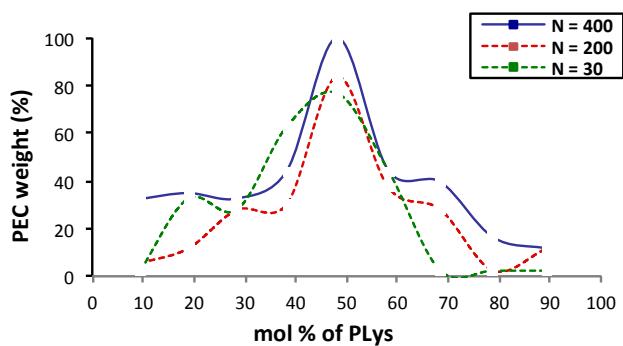


Fig. S1 Turbidity as a function of polycation content (wt %) in PLys/PGlu polypeptide mixtures. Polypeptide mixtures with different chain length.

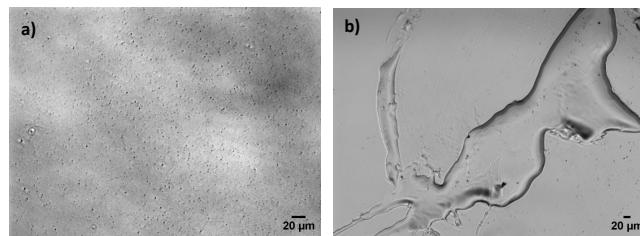


Fig. S2 Optical micrographs of PEC phase before a) and after b) centrifugal separation illustrating the complex formation of mixtures. Complex coacervate droplets a) and complex coacervate phase b) formed from partially neutralized PHis/PGlu (1:1 polyacid/polybase ratio; 0.1 wt % total polypeptide concentration, pH 5.0; no salt concentration).

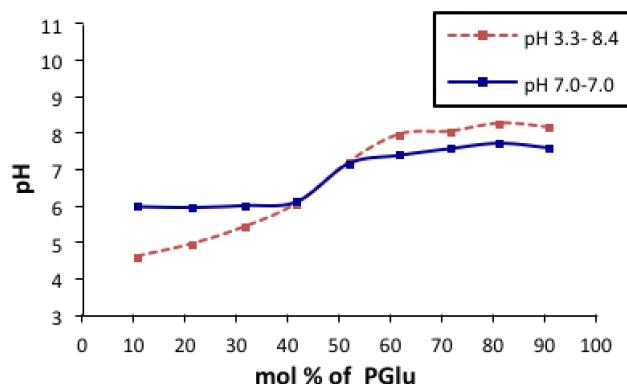


Fig. S3 Final pH of PLys/PGlu mixtures (1:1 polyacid/polybase ratio) as a function of PGlu content. Red dashed line: fully neutralized system (pH of PLys/PGlu 3.3 and 8.4 respectively); Blue solid line: almost fully neutralized system (pH both polypeptide solutions 7.0).

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