Supporting Information

Photoluminescent Poly(4-vinylpyridine) based Ionic liquids Coded with L- and D-Histidine: Supramolecular Self-Assembly leading to Red-shifted Photoluminescent Helical Aggregates

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1. **POM images of self-assembled thick fibers by slow evaporation.**

Polarized optical microscope (POM) images of self-assembled thick fiber showed clear evidence of helical folding and birefringence (**Fig. S1**).

Fig. S1: POM images of PBVPLH (left) and PBVPDH (right).
2. Photo-luminescence spectra of L-histidine, D-histidine and PBVPH.

![Image of PL spectra](image)

Fig. S2: PL spectra of PBVPH (blue), L-his (black) and D-his (red) excited at 330 nm.

3. $^1$H-NMR spectra of PBVPH.

![Image of 1H-NMR spectra](image)

Fig. S3: $^1$H-NMR spectra of PBVPDH (DMSO-$d_6$, 28 °C).