

## **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**).

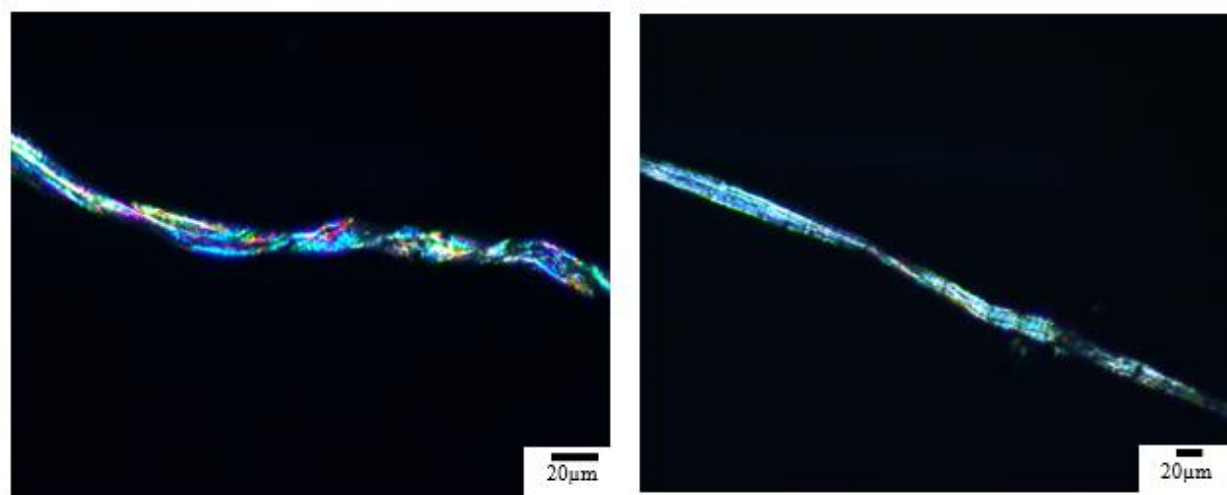


Fig. S1: POM images of PBVPLH (left) and PBVPDH (right).

## 2. Photo-luminescence spectra of *L*-histidine, *D*-histidine and PBVPH.

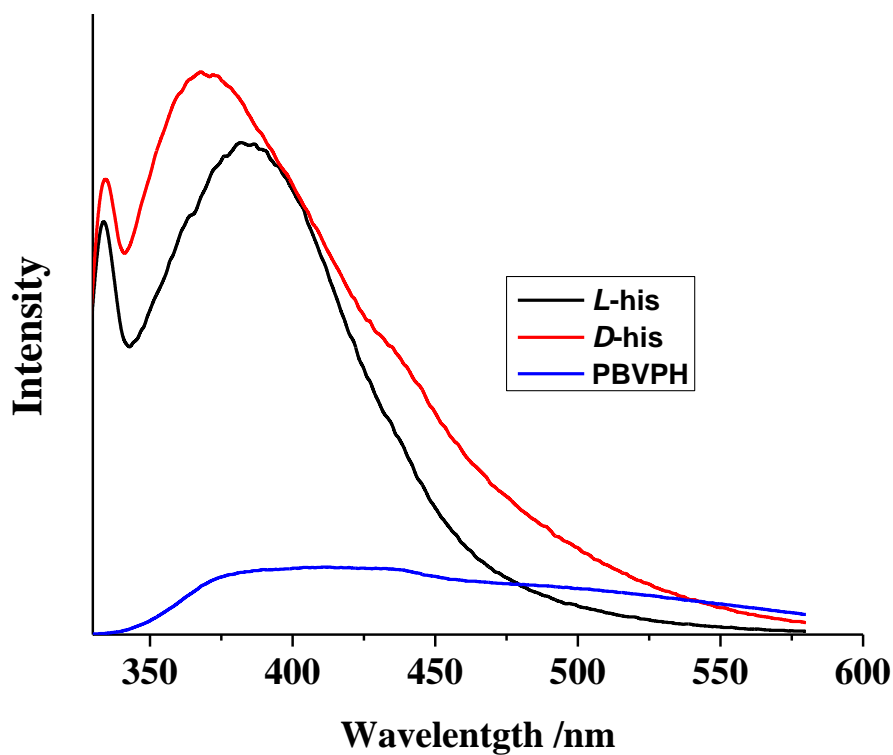


Fig. S2: PL spectra of PBVPH (blue), *L*-his (black) and *D*-his (red) excited at 330 nm.

## 3. $^1\text{H}$ -NMR spectra of PBVPH.

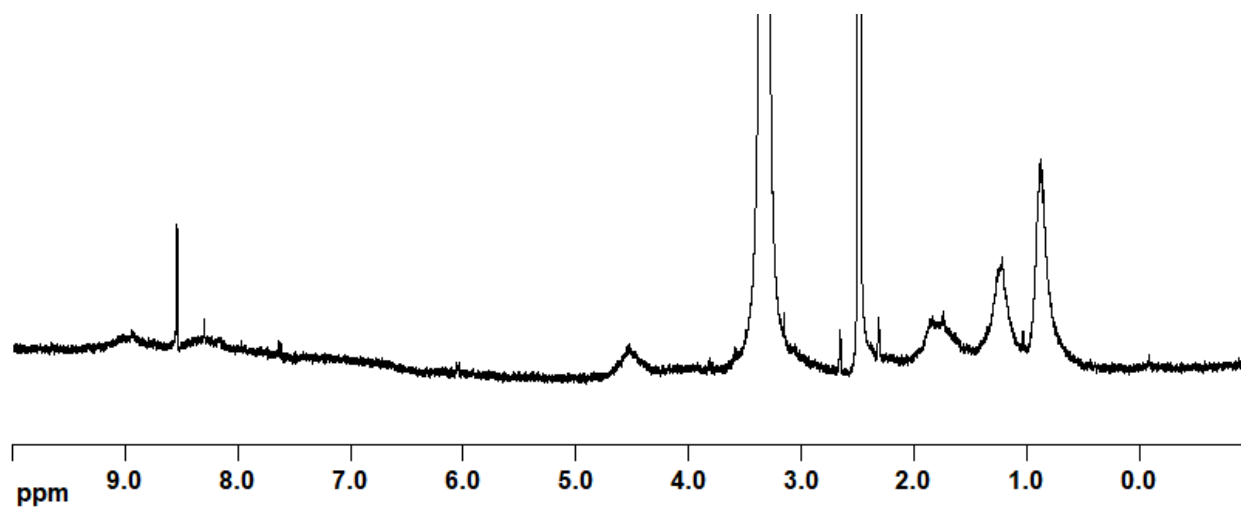


Fig. S3:  $^1\text{H}$ -NMR spectra of PBVPH (DMSO- $d_6$ , 28  $^{\circ}\text{C}$ ).