**Flowchart for Global PWID & BBV review; revised 20190109, double-checked by JL and SC**

- **Initial search**
  - 16392 peer-reviewed
    - Psycinfo 1565
    - Embase 9792
    - Medline 5035
  - 8173 grey-literature

- **Screen and eligibility**
  - 14903 excluded
    - 3721 duplicate
    - 11182 by title
  - 1489 reviewed by full-text

- **Included in global review**
  - 1054 excluded
    - 1085 duplicate
    - 2895 by title
  - 275 reviewed by full-text

- **HBV & HCV search**
  - 4709 peer-reviewed
    - Psycinfo 458
    - Embase 2995
    - Medline 1256
  - 8173 grey-literature

- **HIV search**
  - 10023 excluded
    - 3466 duplicate
    - 6557 by title
  - 464 reviewed by full-text

- **Supplementary search**
  - 5766 supplementary citations
    - Hand search 5045
    - Global fund 204
    - EMCDDA 71
    - UNAIDS 187
    - UNODC WDR 173
    - GSHR 79

- **Screen and eligibility**
  - 5228 not eligible
    - Hand search 4947
    - Global fund 96
    - EMCDDA 0
    - UNAIDS 185
    - UNODC WDR 0
    - GSHR 0
  - 5184 not eligible
    - Hand search 4980
    - Global fund 174
    - EMCDDA 211
    - UNODC WDR 268
    - GSHR 38

- **Included in global review**
  - 1030 compiled in IDU review
    - 54 redundant
  - 976 included in IDU review

- **Studies from PWID in China (n=71)**
  - Final eligible studies in China review (n=85)
    - HIV (n=44)
    - Anti-HCV (n=42)
    - HBsAg (n=21)
    - Characteristics of PWID (n=57)

- **Supplementary searches in Chinese databases**
  - 385 redundant
  - 417 included in Hep review
  - 308 studies
    - CNKI 137
    - Wangfang 171
  - 294 excluded

- **Studies from PWID in China (n=71)**
  - 414 excluded
  - 47 not eligible
  - 22 expert citations eligible
  - 14 expert citations eligible

- **Final eligible studies in China review (n=85)**

- **IDU search**
  - 5759 supplementary citations
    - Hand search 5045
    - Global fund 204
    - EMCDDA 71
    - UNAIDS 187
    - UNODC WDR 173
    - GSHR 79

- **Screen and eligibility**
  - 61 expert consultation citations
  - 47 not eligible

- **Included in global review**
  - 1147 unique sources with data extracted for reviews on IDU, HBV & HCV and HIV
  - 562 Peer-reviewed articles; 56 Grey-literature documents; 91 Hand search; 115 Global fund; 349 EMCDDA; 15 UNAIDS; 36 Expert citations
Figure 2. The pooled prevalence of HIV, anti-HCV and HBsAg among PWID in China (2008-2017)