Manchester, 8 March 2016

Minutes of Task Force “Ion Mobility” (WG1) of COST Action BM1403
"Native Mass Spectrometry and Related Methods for Structural Biology”

Meeting place and date: Manchester, UK, 8 March 2016, 10:30-16:00

1. Aim of the Meeting

The goal of this Task Force Meeting was to prepare a concrete Action Plan for ion mobility data standards – agree on a notation and a reporting format, and evaluate possible data depositories (and who could host or curate them). This was partly in preparation for the upcoming WG4 meeting in Oxford (April 2016).

2. Programme of the Meeting

10:30 - 10:45: Tea and coffee

10:45 - 12:00: Discussion of currently existing data standards in other fields, comparison with specific needs for structural data (similarities and differences)

12:00 - 13:00: Working lunch and general discussion

13:00 - 15:30: Drafting of a working paper on data notation and reporting, laying out a possible nomenclature for diff. types of ion mobility data

15:30 - 16:00: Summary of discussion and finalizing of draft paper

**3. Participants**

Frank Sobott (Antwerp); Kevin Pagel (Berlin); Valerie Gabelica (Bordeaux); Alison Ashcroft (Leeds); Perdita Barran (Manchester)

**4. Outcomes and Action Points**

- A notation (nomenclature) has been agreed on

- Data formats have been identified for 3 major types of instrumentation, and tasks distributed to collate a “minimum parameter set” needed to capture all relevant information in a future depository (to be followed up)

- Instrument manufacturers will be involved in the discussion about the relevant, instrument-specific aspects of the data format

- The document proposing the data format and reporting was drafted but needs to be fully worked out (all)