

WEDNESDAY, 2 SEPTEMBER 2015

5-7pm **Informal Cocktail Reception for participants arriving on Wednesday** – [Manchester Institute for Biotechnology \(MIB\) in John Garside Building](#)

THURSDAY, 3 SEPTEMBER 2015

7-8:55am **Breakfast** – Pendulum Hotel

9-10:00am **Welcome, Meeting Overview and Charge** – MIB, John Garside Building

10:00-11am **Session 1: State of the Science: Gene Editing Research**

- What do we know? What data do we have regarding these technologies?
 - In nonhuman animals
 - In humans
 - Pluripotent stem cell-derived gametes
- What scientific questions remain un(der) explored?
- What essential data are still missing?
- Are there scientifically important questions that are answerable only with these methods?

11-11:15am **Break**

11:15-12:15pm **Session 2: Potential Applications**

- What are the current and proposed applications?
- Are there alternatives to proposed applications of this technology?
- Are there applications for which there are no obvious alternatives?

12:15-1:30pm **Lunch**

1:30-2:30pm **Session 3: Concerns and Challenges Raised by the Research**

- Arguments via the literature
- Ethical challenges related to policy responses (or non-responses)
- Public opinion and engagement

2:30-2:45pm **Break**

2:45-3:55pm **Session 4: Concerns and Challenges Raised by Applications**

- Ethical challenges raised by applications in nonhuman animals
- Ethical challenges raised by applications in humans

- Public opinion and engagement
- Areas of agreement that can serve as the basis for building consensus

3:45-4:30pm **Session 5: Global Policy Landscape**

- Existing landscape
- Current debates
- Implications for policy change/responsiveness to evolving science

4:30-5:30pm **Break Out Groups:** Critical Issues and Recommendations

5:30pm **Recess**

6:30pm **Dinner in Manchester**

FRIDAY, 4 SEPTEMBER 2015

8-8:55am **Breakfast** - Pendulum Hotel

9-11:00am **Session 6: Recommendations** – MIB, John Garside Building

Distribute draft recommendations

- Critical issues and data/analysis needs
- Consensus recommendations
- Remaining points of departure/tensions

11:00-11:15am **Break**

11:15-12:30pm **Session 7: Recommendations** – Full Group

12:30-1:30pm **Lunch**

1:30-4pm **Session 7, Continued**

4-4:30pm **Closing Thoughts, Next Steps**

4:30pm **Adjourn**