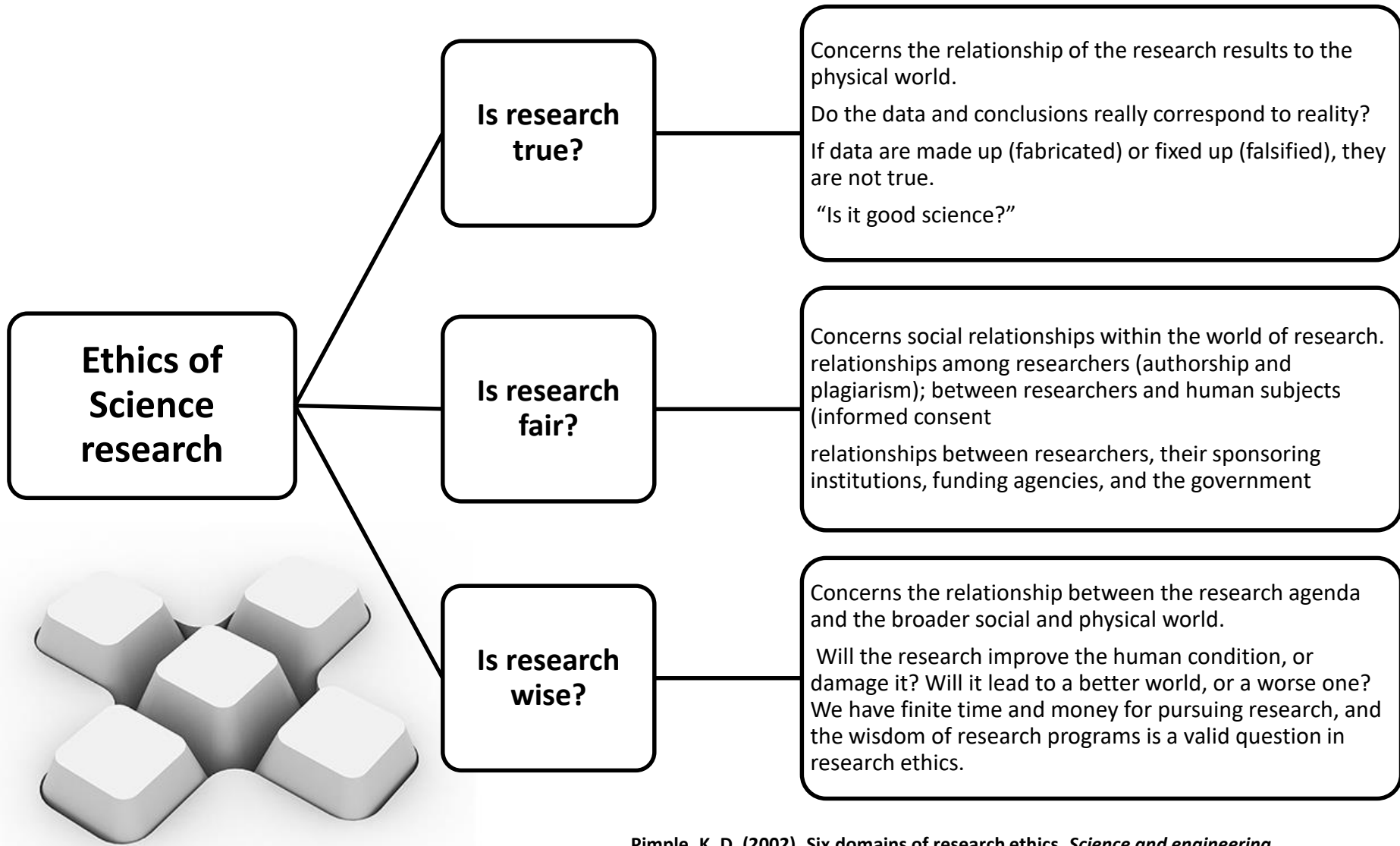




Dulce Esteves

**Round-table discussion about research ethics,
commitment and responsibility**

Context: Research ethics



Learning outcomes from the roundtable

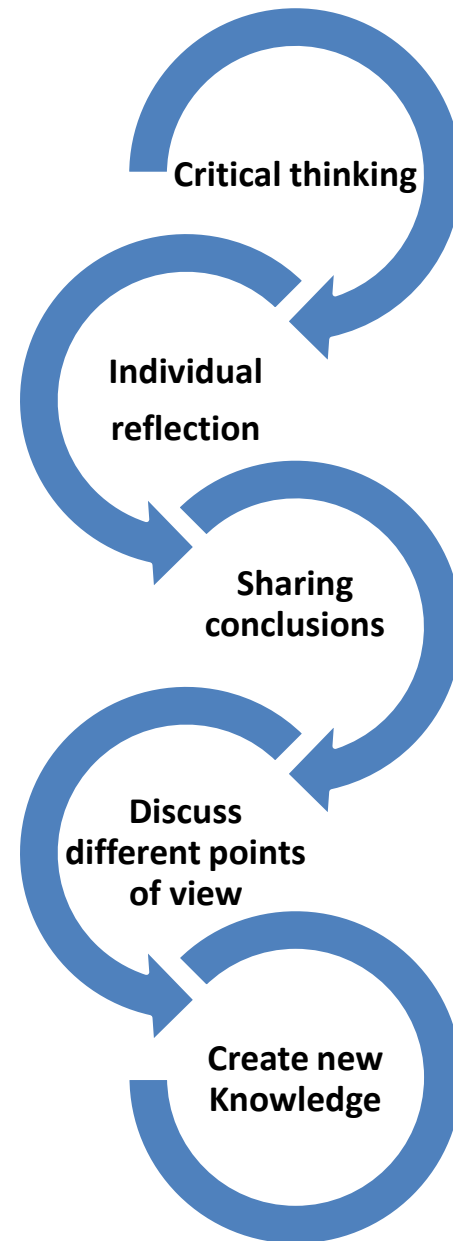
The objective of this round table is to provide the participants with the presentation of the appropriate ethical conduct for science research, referring to the main ethical problems.

The main goals are:

1. Understand the importance of scientific research being guided by standards of demand and rigor, which include ethical principles and academic integrity;
2. Be able to critically analyse and reflect the main ethical challenges in science research;
3. Be able to critically analyse and reflect on the main forms of misconduct, either during the scientific research process or in a scientific publication;



LEARNING METHODOLOGY: COOPERATIVE LEARNING



1. Scientific integrity – The relationship between research and the truth.

Research ethics Problems

Topics for discussion #1

- Why is an ethical problem?
- What are the consequences for science?
- According to your experience, is it common in research?

1.1. basic technical competence (including experimental design)

1.2. data manipulation

1.3. Inadequate statistical methods

1.4. falsification

1.5. fabrication

1.6. unintentional bias

Others?



2. Collegiality – Relationships among researchers.

Research ethics Problems Topics for discussion #2

- Why is an ethical problem?
- What are the consequences for science?
- According to your experience, is it common in research?

2.1. authorship

2.2. data sharing
and timely
publishing

2.3. plagiarism

2.4. peer review

2.5.
confidentiality

2.6. mentorship

2.7. Young
researchers'
commitment

Others?



3. Social responsibility –
The relationship between
research and the common
good.

Research ethics Problems

Topics for discussion #3

- Why is an ethical problem?
- What are the consequences for science?
- According to your experience, is it common in research?

3.1. research
priorities

3.2. fiscal
responsibility

3.3. public
service

3.4. public
education

3.5.
environmental
impact

3.6. forbidden
knowledge

3.7 Intellectual
property issues

Others?

