

# Facilitating the publishing of reproducible and high-quality research

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## AIMS

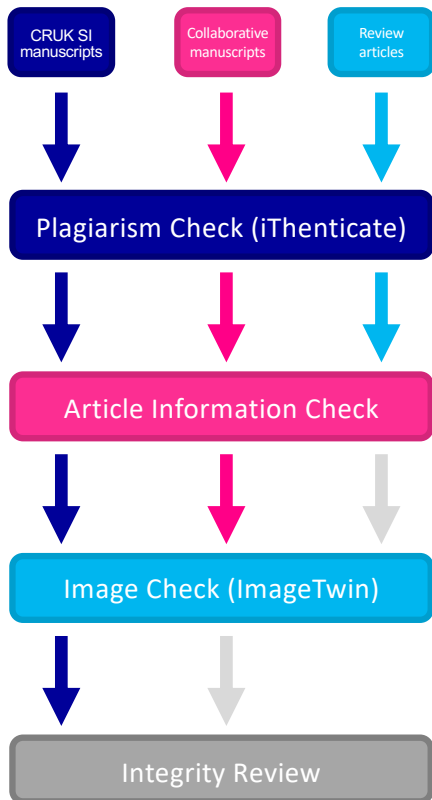
- Foster best reporting practices
- Identify errors and mistakes in manuscripts
- Identify potential breaches of research integrity
- Foster responsible research practices

## APPROACHES

- Co-ordinated activity by Head of Research Integrity
- Bespoke in person training
- Tailored policies, guidelines and toolkit
- Pre-submission manuscript review

## PRE-SUBMISSION MANUSCRIPT REVIEW

### Process



### Integrity Review



#### Authors:

- Use Publishing checklist
- Complete Review questionnaire

#### Head of Research Integrity :

- Checks Review questionnaire
- Checks manuscript for article information and text plagiarism



#### Head of Research Integrity:

- Reads **Abstract** & Introduction for clarity
- Checks **Results** for accuracy and alignment with **Figures**
- Checks **Methods** for rigorous reporting and field standards
- Checks for data archiving



#### Head of Research Integrity:

- Checks **Results** text with **Figures** and **Legends**
- Checks **Figures** for accuracy and clarity
- Checks **Figures** for appropriate data presentation
- Checks **Figures** for duplications
- Generates Manuscript Review report



#### Authors:

- Use Manuscript Review report and annotated manuscript (from Research Integrity reviewer)
- Revise manuscript
- Collate and archive data
- Submit manuscript

## OUTCOMES

- Mistakes are caught before papers are published
- Scholarly record is improved
- Post-publication mistakes are identified and corrected
- Research practices are improved
- Research reproducibility and quality are improved