



Good Scientific Practice & Misconduct in Science

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Good Scientific Practice

1. What is good scientific practice?

2. How does the DFG deal with scientific misconduct?



What is good scientific practice?

Adherence to basic, self-evident principles:

- ▶ working **lege artis**
- ▶ **documenting** results
- ▶ consistently **questioning your own** results
- ▶ **being honest** about contributions from partners, competitors and predecessors

The principles of good scientific practice apply **to all scientific disciplines.**



What is good scientific practice?

Good scientific practice must form the basis for

- ▶ **each scientist**
- ▶ cooperation and leadership responsibility within **working groups**
- ▶ the mentoring of **young scientific researchers**
- ▶ the safeguarding and storage of **primary data**
- ▶ **scientific publications**



Good Scientific Practice

1. What is good scientific practice?
- 2. How does the DFG deal with scientific misconduct?**



The DFG ensures good scientific practice through

- ▶ the **Commission** on Self-Regulation in Science
- ▶ its **guidelines for the use of funds**
- ▶ **procedures** for dealing with scientific misconduct

The Commission
on Self-Regulation
in Science

Guidelines for the
use of funds

Rules of Procedure
for dealing with
scientific
misconduct

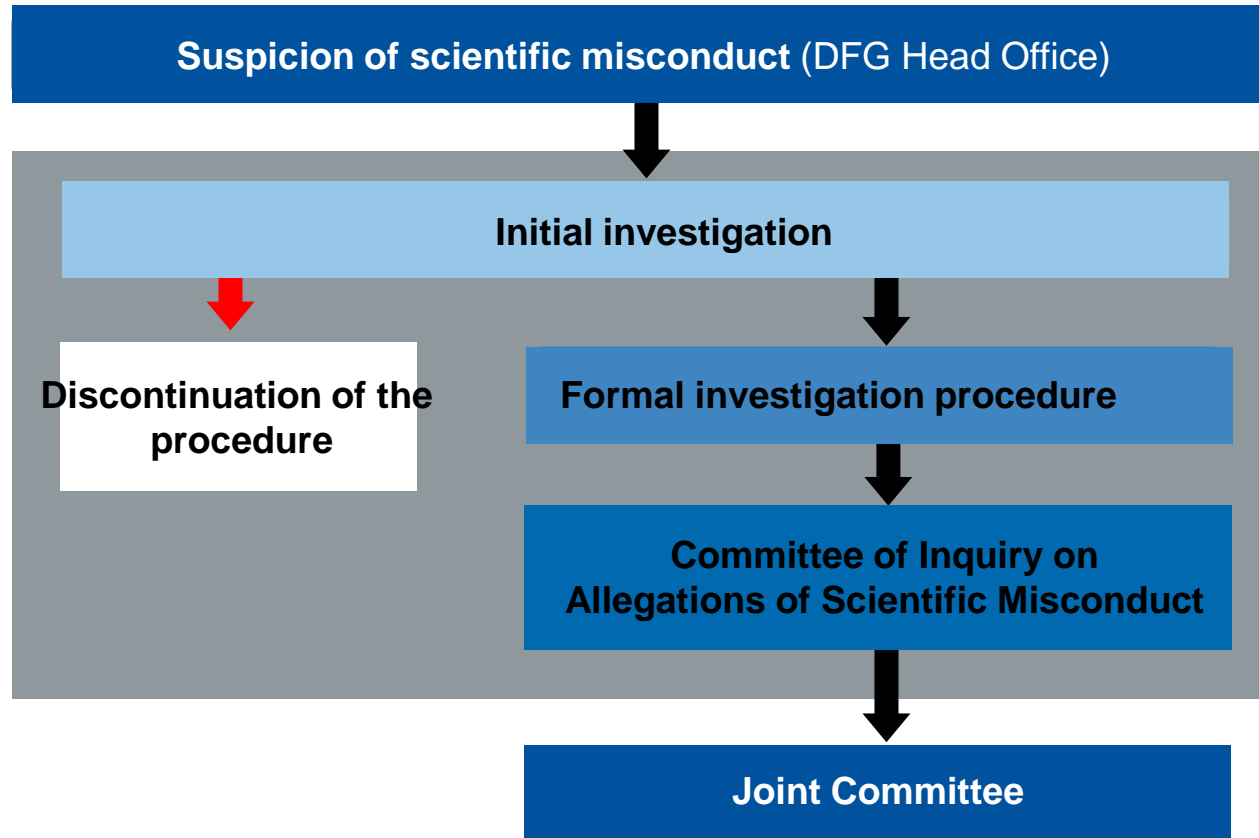
DFG procedure for dealing with scientific misconduct

Defining Scientific misconduct:

- ▶ **misrepresentation** (fabrication and falsification of data and research findings)
- ▶ **infringing upon others' intellectual property** (plagiarism and exploitation of ideas of others)
- ▶ **claiming (co-)authorship** of others' work without their consent
- ▶ **sabotaging** research activities
- ▶ **co-responsibility for the misconduct** of others (e.g. gross neglect of supervisory responsibility)
- ▶ **misconduct on the part of reviewers** (unauthorized use of reviewed theories for own research)



DFG procedure for dealing with scientific misconduct



DFG Sanctions for scientific misconduct

Sanctions imposed by the Joint Committee include

- ▶ **written reprimands**
- ▶ **exclusion** from application eligibility
- ▶ **reversal** of funding decisions
- ▶ **corrigendum or erratum**
- ▶ **exclusion** from reviewer duties
- ▶ **revocation** of voting rights



The image shows the DFG logo in a 3D, white, sans-serif font, set against a blurred blue background. The letters are slightly offset, giving a sense of depth. Below the main image is a horizontal bar composed of several rectangular segments in various shades of blue, from light to dark.

For more information

- ▶ on the DFG: **www.dfg.de**
- ▶ on DFG-funded projects: **www.dfg.de/gepris/**
- ▶ on Scientific Misconduct in DFG context: **Kirsten.Huettemann@dfg.de**
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