



Action Potential #3 Sex and Gender in Research

Integrating sex and gender analysis into basic and clinical research strengthens not only individual projects, but also the translational pipeline and the value of science to the public. It is also increasingly required by funding agencies and publishers.¹ Advantages include:

- Transparent recording and reporting of sex and gender data improves experimental reproducibility and robustness of results
- Understanding the role of sex and gender in disease epidemiology can improve diagnosis and treatment
- Analyzing disaggregated sex and gender data can reveal opportunities for innovation

Selected online training resources:

[Sex and Gender in Biomedical Research](#) - Canadian Institutes of Health Research

[Addressing Sex as a Biological Variable in Preclinical Research](#) - Global Preclinical Data Forum

Examples in research projects:

[Gendered Innovations](#)

Guidelines:

[DFG](#), [Horizon EU](#), [SAGER Guidelines](#)

Recommended reading:

1. Tannenbaum, C., Ellis, R.P., Eyssel, F., Zou, J., and Schiebinger, L. Sex and gender analysis improves science and engineering. *Nature* 575, 137–146 (2019).

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