

General Guidelines for Authorship Contributions

Guidelines were created and are maintained by the NIH Intramural Research Program Committee on Scientific Conduct and Ethics

Contributions

Authorship? (■ yes; ■ no)

Comments

Design & interpretation of results	original idea, planning & input		An idea alone may not warrant authorship, unless highly original & unique
	other intellectual contribution		Yes, but assuming active involvement
Supervisory role	supervision of the project		Yes, but assuming active involvement
	training, education		
	mentoring of 1st author		No, unless substantive contribution made to study
Administrative & technical support	resources: \$		Acknowledgements yes, authorship no
	resources: animals, reagents		No if already published; yes if novel
	resources: patients		Maybe, depending on circumstances
Data acquisition	original experimental work		
	technical experimental work		No if routine; yes if novel methods added, or specific role, e.g., statistics, imaging etc.
	data analysis (assays)		Yes, unless only very basic
	data analysis (statistics)		Yes, unless only very basic (t-tests e.g.)
Writing & other	drafting of manuscript		Warrants first authorship
	reading/ commenting on manuscript		Substantial feedback can be acknowledged
	none		Includes honorary authorship for lab chiefs, celebrities etc.