

International committee convened by the U.S. National Academy of Sciences (NAS) and the National Academy of Medicine (2017)

- "might be permitted, but only following much more research" and "only for compelling reasons and under strict oversight" when it is "really the last reasonable option"
- "closed the door to the vast majority of germline applications and left it open for a very small, well-defined subset"

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http://www.sciencemag.org/news/2017/02/
us-panel-gives-yellow-light-human-embryo-editing
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## International Summit on Human Gene Editing (2015)

- Most scientists agree that making gene-altered children is irresponsible until safety issues are addressed and there is broad societal consensus on the proposed applications
- Intensive research is needed, including manipulation of these types of human cells in the laboratory, and should proceed subject to appropriate legal and ethical oversight
- Treating adults with gene editing, to treat diseases like sickle-cell anemia, should proceed in existing regulatory frameworks







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- Emmanuelle Charpentier, co-discoverer: would be very happy to see clinical trials to treat human disorders
- censure by academic authorities: Phillip Campbell of Nature said they have rejected several papers involving editing human embryos, either because they were poorly done or did not meet local ethics rules
- NIH funding for research using gene-editing technologies in human embryos is banned (2015).

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https://www.nih.gov/about-nih/who-we-are/
nih-director/statements/
statement-nih-funding-research-using-gene-editi:
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