







NIH Guidelines - Section I

- f In the context of the NIH Guidelines, recombinant and synthetic nucleic acids are defined as:
 - (i) molecules that a) are constructed by joining nucleic acid molecules and b) can re plicate in a living cell, i.e. recombinant nucleic acids;
 - (ii) nucleic acid molecules that are chemically or by other means synthesized or amplified, including those that are chemically or otherwise modified but can base pair with naturally occurring nucleic acid molecules, i.e. synthetic nucleic acids; or
 - (iii) molecules that result fr om the replication of those described in (i) or (ii) above.

The NIH Guidelines Apply to...

- f Research with recombinant or synthetic (or both) nucleic acid molecules that is
 - Performed at or sponsored by an institution that receives any NIH funding for such research
- f Rationale: For biosafety to be meaningful, it has to be observed by all investigators at an institution







































































