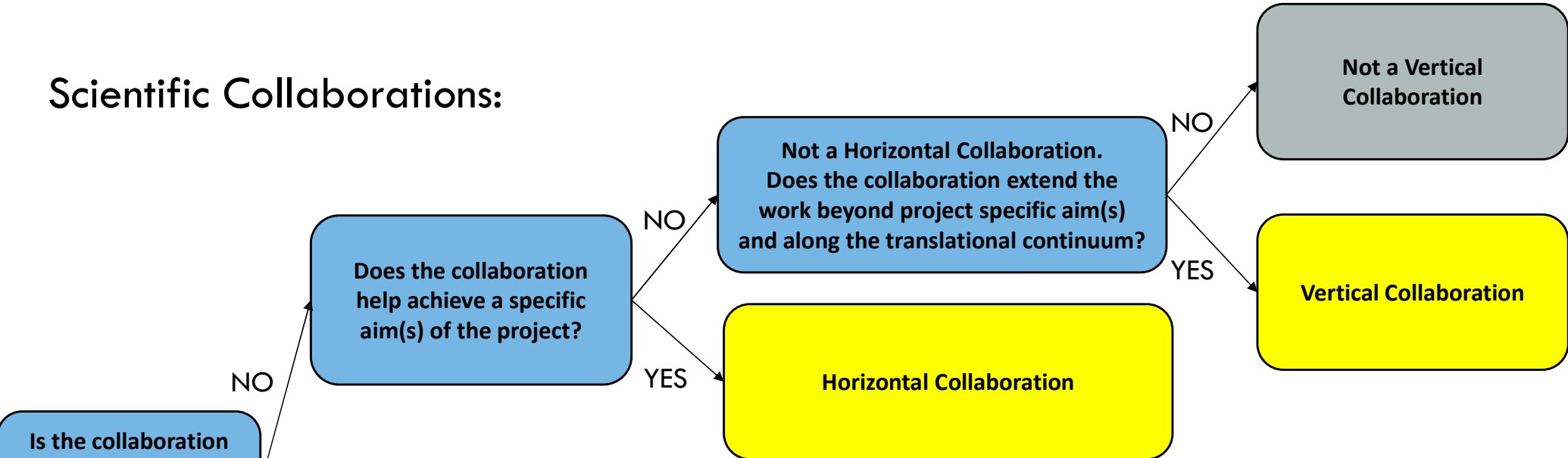


Scientific Collaborations:



Although commitment to horizontal and vertical collaborations is required for a SPORE program, a collaboration (as defined schematically above) is not required for each project.

Horizontal Collaboration: Collaboration with others outside the SPORE grant to complete the research aims and/or goals of a SPORE project. These collaborations may be done in the laboratory, at the clinical trial stage, or as a part of population science study. Examples of these collaborations include projects with other SPOREs or use of industry provided agents. Interactions between Projects and Cores within a SPORE grant do not meet the definition of Horizontal Collaboration.

Vertical Collaboration: Collaboration with an entity outside the SPORE grant that extends SPORE translational research beyond the specific aims of projects along the translational continuum (e.g., from discovery, to pre-clinical development, to Phase I trials or studies, to later phase studies, and possibly to a final hand-off to a commercial company).