Science will inform the FDA in regulation of the manufacture, marketing, and distribution of tobacco products in order to reduce the public health toll from tobacco product use in the United States. The following research priorities reflect an update of the 56 research questions released in January 2012.

1. Nicotine dependence threshold among youth and adults and impact of nicotine reduction on tobacco product use behavior (e.g., topography, compensation, switching, multiple use, initiation, cessation, relapse)

2. Cigar (small, large, cigarillos) initiation, use (including transitions to other tobacco products and multiple use), perceptions, dependence, and toxicity

3. Smokeless tobacco initiation, use (including transitions to other tobacco products and multiple use), perceptions, dependence, and toxicity

4. E-cigarettes initiation, use (including transitions to other tobacco products and multiple use), perceptions, dependence, and toxicity

5. Other tobacco product (e.g., hookah, pipes, dissolvables) initiation, use (including transitions to other tobacco products and multiple use), perceptions, dependence, and toxicity

6. The impact of tobacco product characteristics, (e.g., ingredients, constituents, components, additives such as flavors, and labeling and marketing) on initiation, especially among youth and other vulnerable populations


8. Statistical modeling of the public health impact of FDA/CTP regulation of potential modified risk tobacco products (e.g., product standards, communications regarding risks of tobacco products)

9. Consumer perceptions of tobacco products including the impact of labeling and marketing

10. Effective communication strategies regarding harmful and potentially harmful constituents and risks of tobacco products