

## Request for Public Comment on IACC 2016 Strategic Plan for ASD – List of Themes

<b>Question 2: Underlying Biology</b>	
<b>Autism Genetics</b>	Need further research on the genetics of autism, and genetic tests should be more accessible
<b>Developmental Biology</b>	Need more developmental biology research
<b>Genetic Syndromes</b>	Need more research and a better understanding of genetic syndromes related to ASD
<b>Biomarkers/Symptomology</b>	Need more research and better understanding of the biomarkers and symptoms of ASD, and the heterogeneity of symptoms
<b>Immune And Metabolic Pathways</b>	Need more research into the contribution of immune and metabolic pathways to autism
<b>Cognitive Behavioral Biology</b>	Need more research on cognitive and behavioral biology
<b>Sex/Gender Differences</b>	Need more research on sex and gender differences, inclusive of both biological sex and self-identified gender
<b>Neuroscience</b>	Need more research on the basic neuroscience of ASD
<b>Co-Occurring Conditions</b>	Need more research on the biology and relationship of co-occurring conditions in ASD
<b>Molecular Biology</b>	Need more research on the molecular biology of ASD
<b>Sensory/Motor Function</b>	Need more research to better understand sensory processing and motor function in ASD
<b>Translational Research</b>	Need more translational and interdisciplinary research to improve the lives of people with ASD
<b>Subgroups</b>	Need research to better understand, differentiate, and treat subgroups of people with autism
<b>Gut/Brain Interaction</b>	Need to prioritize gut-brain interaction research
<b>Endorse Current Priorities</b>	Current priorities are appropriate (molecular biology and neuroscience, developmental biology, cognitive and behavioral biology, genetic syndromes related to ASD, sex differences, immune and metabolic aspects, and co-occurring conditions in ASD)
<b>Prioritize Treatment/Services</b>	Understanding the biology of ASD is not a priority relative to other areas (i.e. treatment and services)