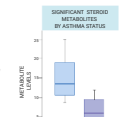
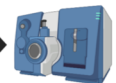
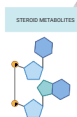
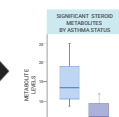
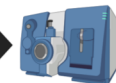
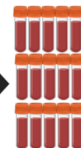


DISCOVERY COHORT Population (EPIC) Biosample Metabolomic Profiling Logistic Regression Significant Findings



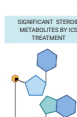
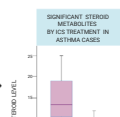
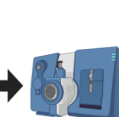
IDENTIFICATION
OF SIGNIFICANT
METABOLITES

REPLICATION COHORT Population (MGBB-A) Biosample Metabolomic Profiling Logistic Regression Replication



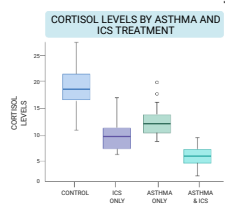
HYPOTHESIS OF
POTENTIAL
CAUSE

INTERROGATION OF CAUSE IN RCT Population (CAMP) BICS/No ICS 4 Years ICS/No ICS Biosample Metabolomic Profiling Validation and Causation



IDENTIFICATION
OF CLINICAL
BIOMARKER

IDENTIFICATION OF CLINICAL BIOMARKER Population (EMR-Cortisol) RPDR Individual Cortisol Testing by Asthma/ICS use



PERSONALIZED
CLINICAL
RECOMENDATION

