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“Cardiometabolic Health in US Hispanics: Findings and Opportunities in the HCHS/SOL Cohort”

The Hispanic Community Health Study (HCHS)/Study of Latinos (SOL), is a prospective, community-based study of >16,000 US adults, aged 18-74 years, of diverse backgrounds (Central American, Cuban, Dominican, Mexican, Puerto Rican, and South American). Extensive data on sociocultural factors (e.g., acculturation), behaviors (e.g., diet, physical activity), laboratory measures (e.g., lipids, glycemic traits), multi-omics (e.g., genomics, metabolomics), and disease outcomes (e.g., diabetes, CVD) have been assessed at the baseline examination (2008-2012), annual telephone follow-up, the second follow-up clinical visit (2014-2017), and various ancillary studies. Prior work in the HCHS/SOL has demonstrated many significant differences in cardiometabolic diseases and risk factors across Hispanic/Latino background groups, and ongoing multi-omics work in the HCHS/SOL will help identify potential biological signatures underlying these differences. The HCHS/SOL cohort provides a unique opportunity to better understand cardiometabolic disease in US Hispanics/Latinos.

Thursday, May 31 at 2:00 pm
UTHealth SPH RAS E505

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