

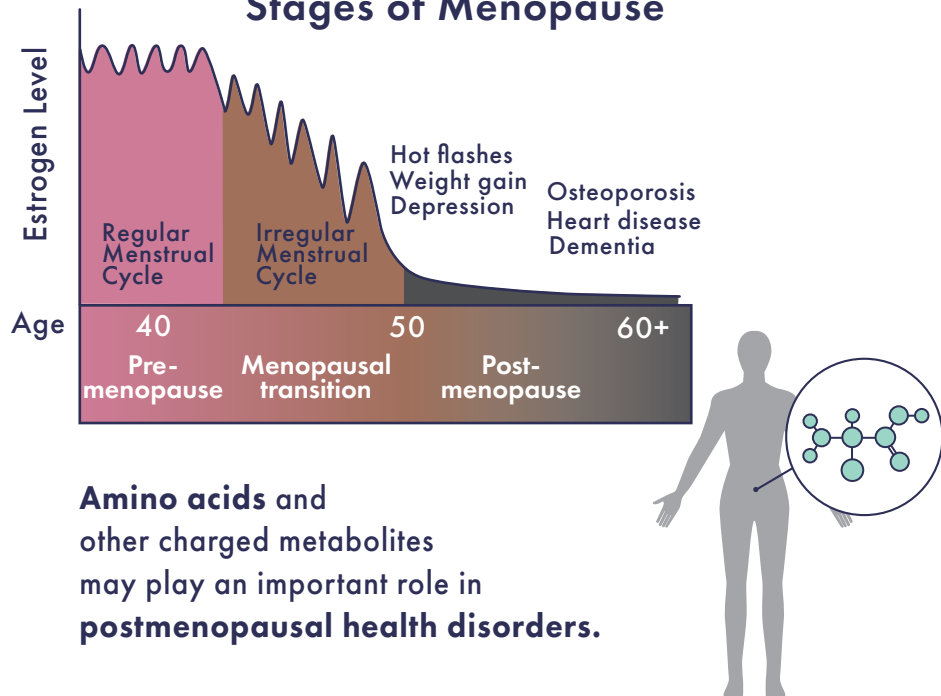
# Metabolic Profiling of Menopausal Status



## STUDY QUESTION

Are there any differences in metabolic profile among menopausal status?  
What are their implications?

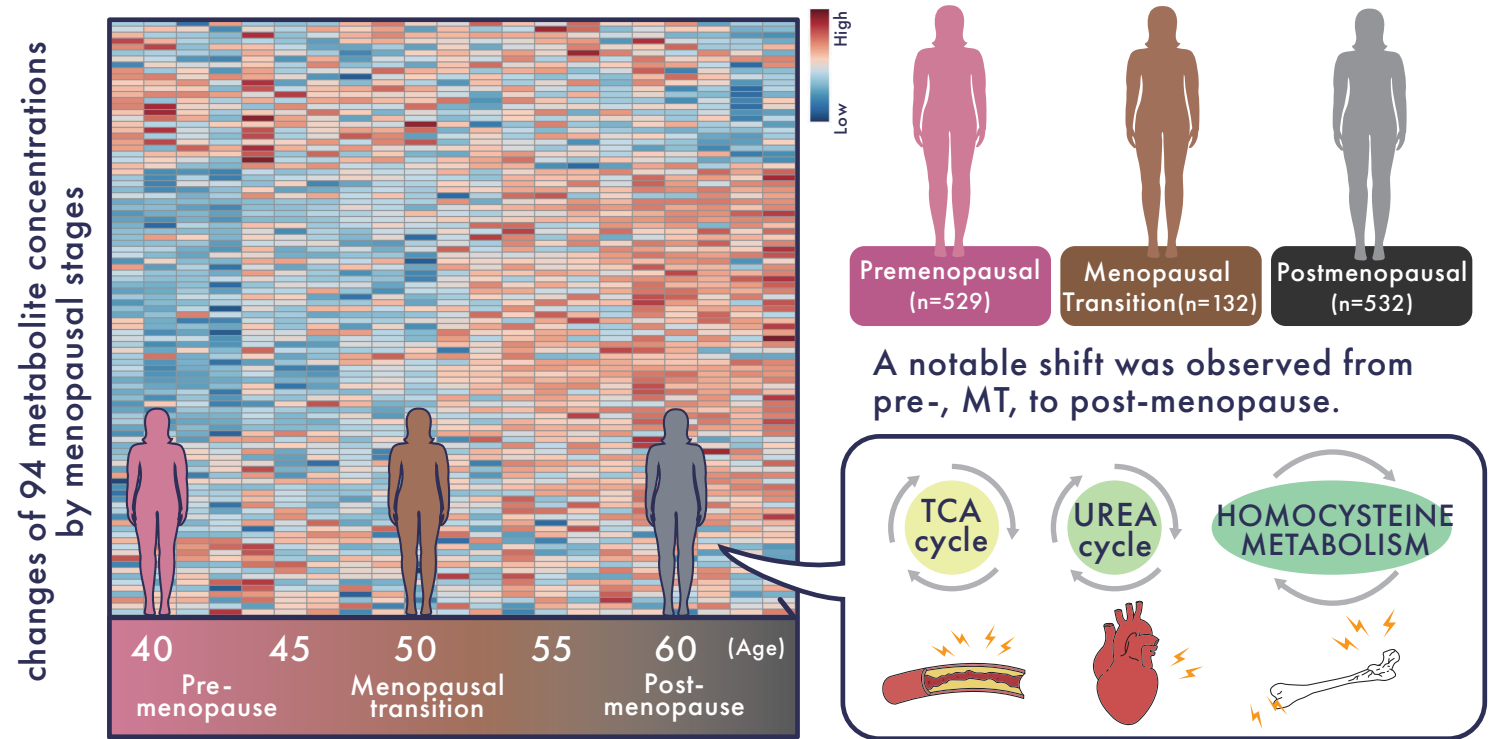
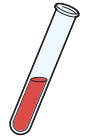
### Stages of Menopause



**Amino acids and other charged metabolites may play an important role in postmenopausal health disorders.**

**1,193 women** from the TMCS. (40-60 years old)

**94 plasma metabolites** were profiled using CE-MS.



A notable shift was observed from pre-, MT, to post-menopause.



**Our findings might reflect the early changes behind increased risk of postmenopausal health disorders.**