The objective of this paper was to extract and identify current trends in global female pharmacist participation in workforce and potential impact on equity and education challenges.

Pharmacy workforce data collected by FIP was accessed to identify country-level gender participation data at 2 or more time points from 2009 to 2016; 41 Countries contributed data.

Analysis of association between female pharmacist participation in a country over time and country-level variables such as income level was identified using a linear mixed model approach.

Between 2009-16, female pharmacists in the global workforce increased from 58% to 62%. Significant links with female participation and country level income (p = 0.026) and WHO region (p = 0.03)

1. There is an acceleration in the proportion of female pharmacy workforce globally. Projections indicate 74% of the global workforce will be female by 2030.
2. Higher-income countries currently have a significantly larger percentage of female pharmacists.
3. The impact of a growing female proportion in the pharmacy workforce now needs to be investigated; related to CPD and education, support for career breaks and equity in career progression.