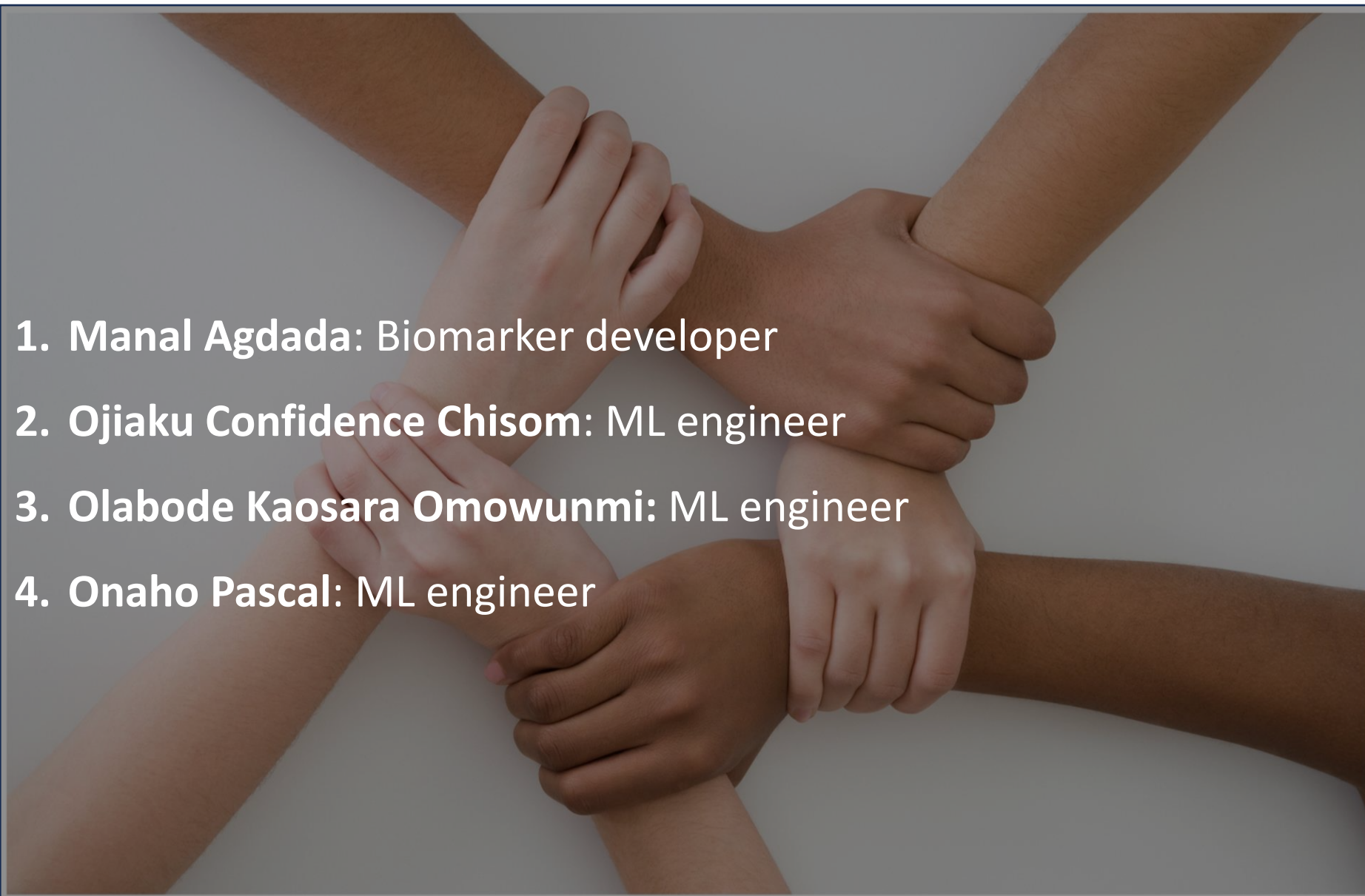


Exploring Gender Differences in Colon Adenocarcinoma: a Transcriptomic Approach

Presented by: Team GeneXplorers

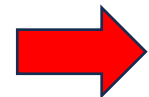




1. **Manal Agdada:** Biomarker developer
2. **Ojiaku Confidence Chisom:** ML engineer
3. **Olabode Kaosara Omowunmi:** ML engineer
4. **Onaho Pascal:** ML engineer



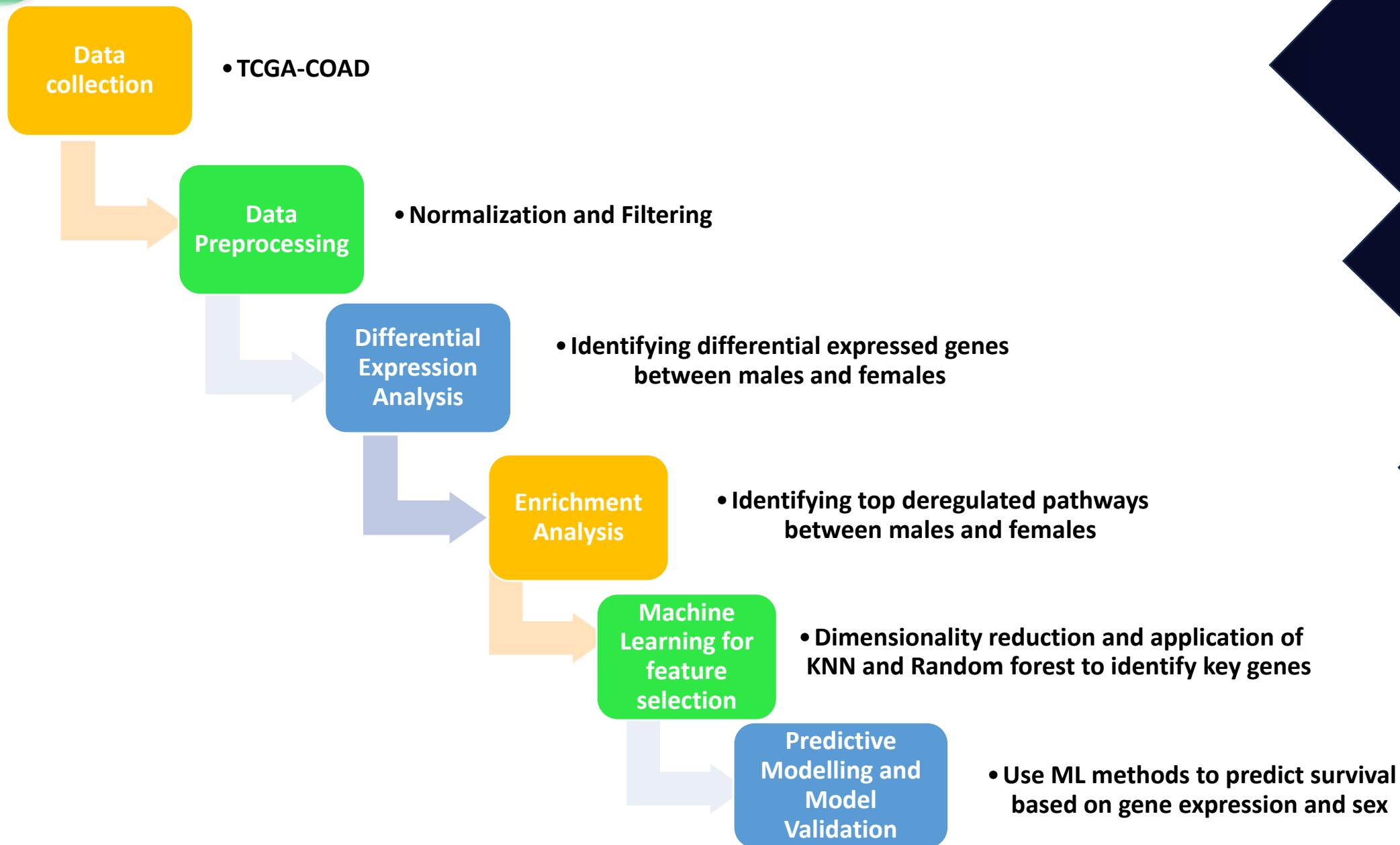
- Higher incidence of colon adenocarcinoma (COAD) in men compared to women
 - Women generally show better survival outcomes
-
- Existing studies show sex-specific gene expression differences, specifically focusing on estrogen-related pathways
 - There is a lack of comprehensive understanding of the molecular mechanisms driving sex-specific differences

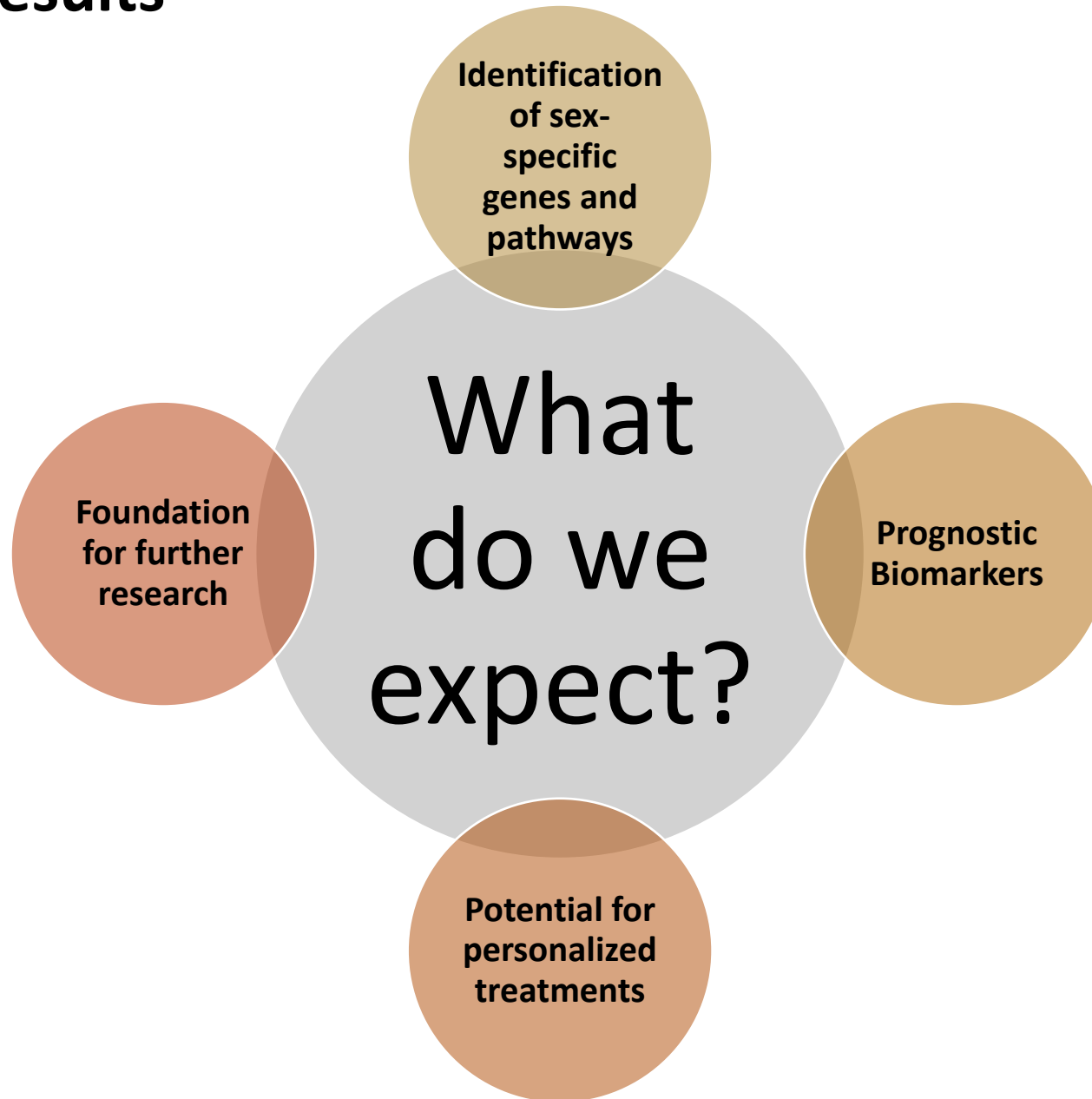


GeneXplorers aims to fill this gap by performing a detailed transcriptomic analysis to uncover sex-specific molecular mechanisms in COAD



Flowchart of the methods





**Thank you for the
attention!**

