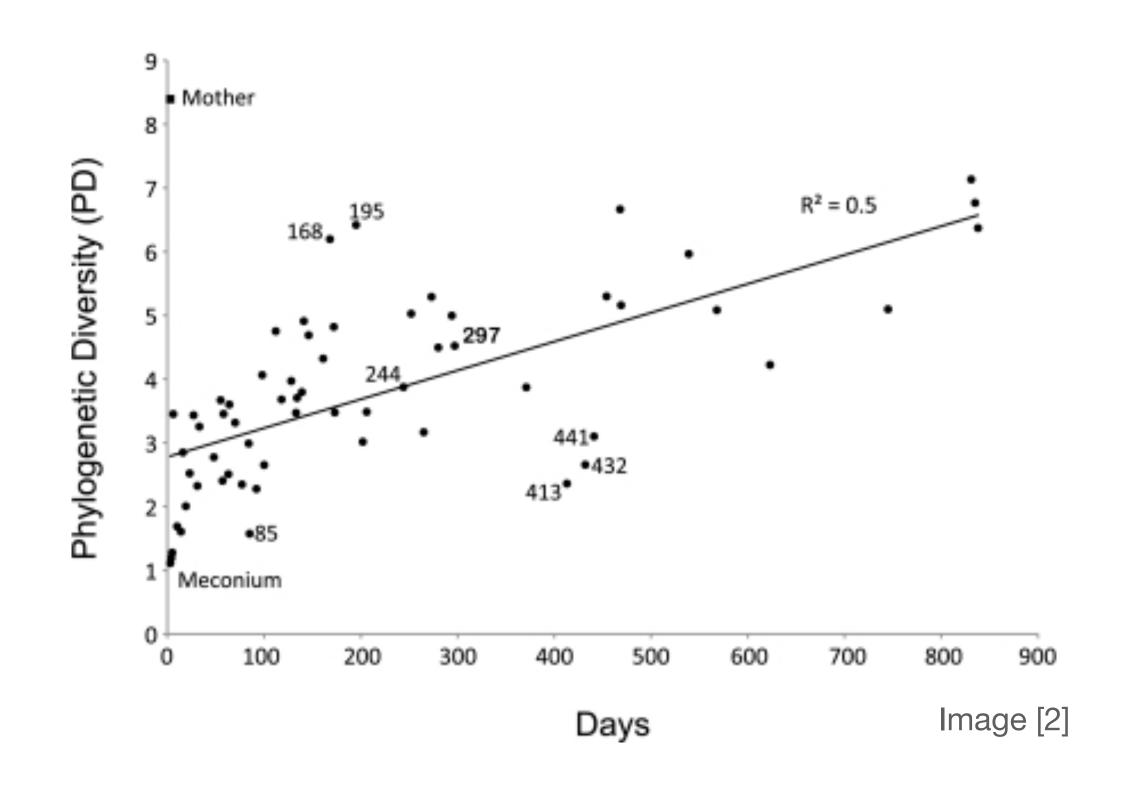
Microbiome Development

- Develops ~ 20 minutes after birth
 [1]
- Depends on mode of delivery [1]
 - Vaginal → resembles birthing parent's vaginal flora
 - C-section → resembles birthing parent's skin flora
- Gut microbiome begins to resemble that of adult in ~ 1-3 years [1]



Probiotics

- "Live microorganisms which when administered in adequate amounts confer a health benefit on the host" [1]
- Generally unknown mechanisms, vary by preparation, species
- Common uses [2]: antibioticassociated diarrhea, traveler's diarrhea, BV, infectious mastitis, hypercholesterolemia
- Common adverse effects [2]: Gl complaints, rash



