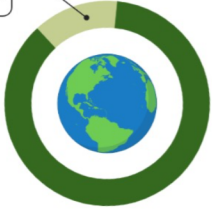
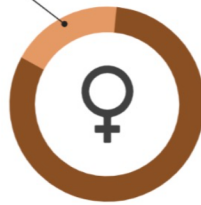


# Maternal Obesity Negatively Impacts the Adipocyte Progenitor Population in the Offspring & Programs Metabolic Risk Through the Lifespan

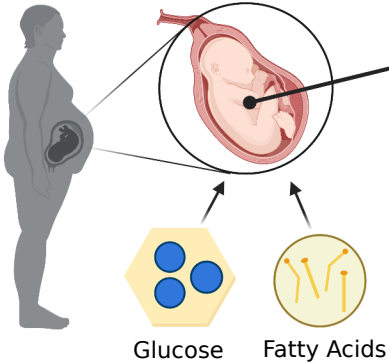
13% Obese



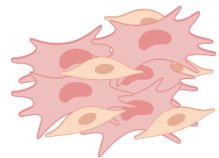
15% Obese



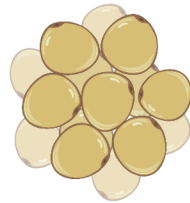
## Obese Pregnancy



Adipocyte Progenitors



↑ Differentiation of Adipose Progenitors



FETAL DEVELOPMENT

↑ Obesity Risk

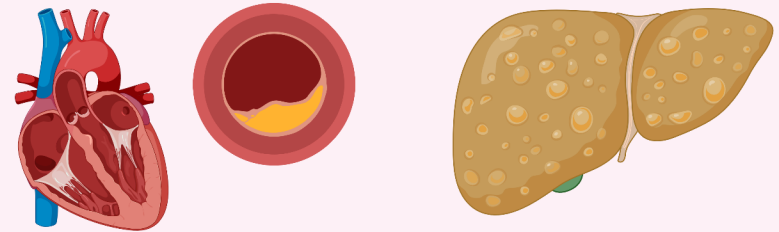
Progenitor Population Established

↑ Fat Mass

POST-NATAL

ADULTHOOD

## Metabolic Syndrome



Lipid Spillover

Differentiation Impaired

**PROGENITORS DEPLETED**

↓ Expansion & Maintenance Capacity

20-30 years

