

# What is the PEACH Study testing for in my remote bio-samples?

## 2<sup>nd</sup> Trimester

- **Dried blood** - inflammatory markers (cytokine levels—part of the immune system response)
- **Urine** - stress hormone levels (i.e. cortisol) and exposure to environmental toxins
- **Nail Clippings** - environmental exposures (i.e. lead)
- **Saliva** - stress hormones (i.e. cortisol)
- **Stool** – bacterial composition
- **Water** – presence of heavy metals

## 3<sup>rd</sup> Trimester

- **Dried blood** - inflammatory markers (cytokine levels—part of the immune system response)
- **Urine** – stress hormone levels (i.e. cortisol) and exposure to environmental toxins
- **Nail Clippings** - environmental exposures (i.e. lead)
- **Hair** – stress hormones (i.e. cortisol)
- **Saliva** - stress hormones (i.e. cortisol)
- **DNA Saliva** – DNA sequencing
- **Stool** – bacterial composition
- **Water** - presence of heavy metals

## 6 Months

- **Nail Clippings** - environmental exposures (i.e. lead)
- **Saliva** - stress hormones (i.e. cortisol)
- **Breastmilk** - nutrients (i.e. fatty acids) and inflammatory markers (cytokine levels—part of the immune system response)
- **Water** - presence of heavy metals

## 12 Months

- **Nail Clippings** - environmental exposures (i.e. lead)
- **Saliva** - stress hormones (i.e. cortisol)
- **Breastmilk** - nutrients (i.e. fatty acids) and inflammatory markers (cytokine levels—part of the immune system response)
- **Water** - presence of heavy metals