

Dear Supporter,

Here's your November brief.



Monthly Research Brief

News

Earlier this month, we hosted the second annual March of Dimes Prematurity Research Center (PRC) Symposium at our headquarters in Virginia. This two day, in-person event saw the coming together of dozens of lead investigators and scientists from across our five PRCs to share published and unpublished research in the hopes of stimulating and inspiring discovery on a grand, collaborative scale. [Learn more about our PRCs.](#)

Blog

This month's blog recounts the discovery of microRNA, abbreviated as miRNA, by Dr. Victor Ambros and Dr. Gary Ruvkun, who won the 2024 Nobel Prize in Physiology or Medicine in October. The pair won the March of Dimes Prize in 2016 for the same accomplishment. [Read it here.](#)

Podcast

Leading vaginal microbiome scientist Dr. David MacIntyre from the Imperial College London PRC is back on MODCAST, this time with an exciting finding about *L. crispatus*, the beneficial vaginal bacteria that is protective against preterm birth. Dr. MacIntyre and Dr. Alexiane Decout, who also stars in this

episode, discuss the discovery of a protective shield around *L. crispatus* that prevents it from interacting with pro-inflammatory receptors and causing inflammation in the vaginal canal. [Listen now.](#)

Publications

[The evolution of gestation length in eutherian mammals](#)

[Maternal Lipids in Pregnancy and Later Life Dyslipidemia: The POUCHmoms Longitudinal Cohort Study](#)

[Dietary amino acids, macronutrients, vaginal birth, and breastfeeding are associated with the vaginal microbiome in early pregnancy](#)

That's it for November. Happy Thanksgiving. We'll see you next month.

Dr. Emre Seli
Chief Scientific Advisor
March of Dimes

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MOMS.
STRONG
BABIES.**



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