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#### **NEWS & UPDATES**

**ICYMI:** Giving Tuesday



With all that SSR and our outstanding community has accomplished over the past year, consider giving back and **making** a donation.

We want to make sure that your donations support the programs that matter to you. You can target a specific program, topic area, type of member to support, or a general donation. Below are some of the choices available to you.

See How You Can Contribute

# Recurrent Pregnancy Loss Association Grant Open to SSR Members

Submissions due December 1, 2023!

<u>The Recurrent Pregnancy Loss Association (RPLA)</u>, an SSR Partner, is looking for researchers with projects that provide insights into causes, diagnosis, management, or parthenogenesis of recurrent pregnancy loss. In partnership with the <u>ASRM Research Institute</u>, invites submission of applications for its research award. This annual award will total **up to \$40,000** for a **two-year** study period. The purpose of this grant is to support innovative research projects that provide insights into causes, diagnosis, management, or parthenogenesis of **recurrent pregnancy loss**.



Learn More & Apply Here

# **SPARK Community Building Virtual Session**

Tuesday, December 5, 2023



<u>ASRM</u> and <u>The Society for the Study of Reproduction (SSR)</u> have collaborated to develop **SPARK**, a research network connecting basic scientists with physicians and clinicians through the use of the community platform UPSquad. Increase your prospects for grant funding when you join the SPARK community and connect and collaborate with others sharing your research interests! Join us live on **Tuesday, December 5, 6:30 PM ET.** 

Join the Live Event

## **Call for Heritage Committee Honoree Nominations**

Submissions due December 8, 2023!



Dr. Fred Stormshak

The Heritage Committee is seeking nominations for the 2024 SSR Heritage Honoree. This honor is set to recognize a scientist who has been or is a member of SSR, who is no longer active in research, whether living or deceased, and whose research has had a sustained impact on the field of reproduction. Submit now -- the deadline is **December 8, 2023!** 

Submit Nominations Today

### **2024 ANNUAL MEETING**

## **Your 2024 Annual Meeting Checklist**



July 2024 may seem like months away, but it will come quicker than you think! Start thinking about ways you can prepare by reviewing the list of items below:











Download and review the 2024 Annual Meeting FAQs.

Start preparing your abstracts! Note that the submission deadline is February 15.

Save the date for the <u>Preconference Symposia Ovarian Workshop</u> on **July 15-16**.

Check out the Keynote and Plenary Speaker lineup.

Check your passport expiration date so you can travel with us to Dublin in 2024!

Note: If you are a U.S. citizen intending to go anywhere in the EU after or before the conference, your passport must have an expiration date at least 3 months after the date you intend to leave the EU. This does not apply to Ireland, where a valid passport is sufficient (just another reason to love Ireland!).



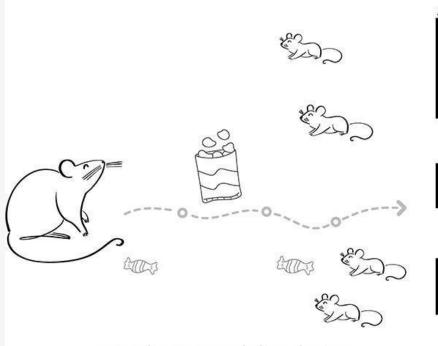
Get excited! The SSR team is currently in Dublin planning!

More Details Here

#### **BIOLOGY OF REPRODUCTION**

#### Don't Miss BOR's November Editor's Choice

Maternal cafeteria diet influences kisspeptin (*Kiss1*), kisspeptin receptor(*Gpr54*), and sirtuin (*Sirt1*) genes, hormonal and metabolic profiles, and reproductive functions in rat offspring in a sexspecific manner



control diet vs CAF diet

↓ body weight ♀♂

↓ lean mass & free body liquids ♀♂↑ TG and cholesterol ♀♂

sex-specific changes in glucose and insulin levels

sex-specific changes in Sir1/Kiss1 mRNA in the hypothalamus



sex-specific alterations in Sir1 and Kiss1 mRNA in the liver with more diversity in males



CAF diet/control diet during 10 weeks+pregnancy and lactation

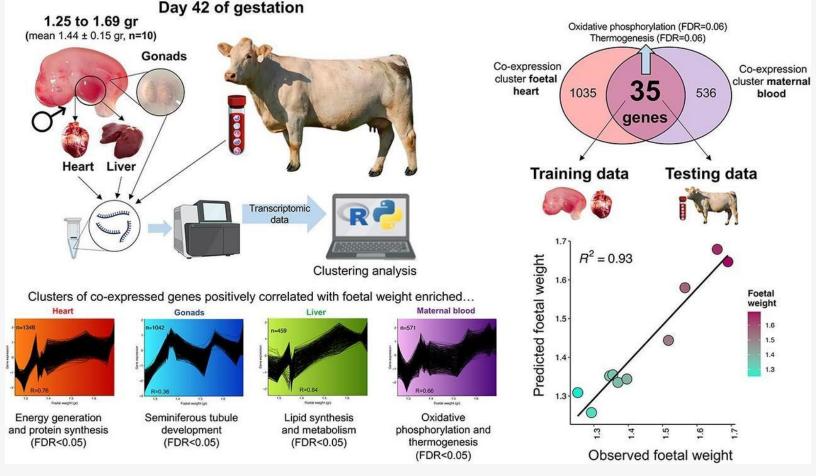
delayed puberty onset in females



Research from Matuszewska et al found that maternal cafeteria diet influences kisspeptin (Kiss1), kisspeptin receptor(Gpr54), and sirtuin (Sirt1) genes, hormonal and metabolic profiles, and reproductive functions in rat offspring in a sex-specific manner.

Read Here

Maternal blood transcriptome as a sensor of fetal organ maturation at the end of organogenesis in cattle



Work from Rabaglino et al shows that maternal blood transcriptome accurately predicted fetal weight in cattle after modeling with the fetal heart data.

Read Here

This edition of the SSR Newsletter is sponsored by Réseau Québécois en Reproduction (RQR).



Thank you!

### **Connect with SSR**



**About SSR:** The Society for the Study of Reproduction (SSR) was founded in 1967 to promote the study of reproduction by fostering interdisciplinary communication among scientists, holding conferences, and publishing meritorious studies. Today, our members come from 50 countries around the world.

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