

MSB NEWS

Monthly Newsletter



Department of

Molecular and Systems Biology

Geisel School of Medicine at Dartmouth

Let's stay connected...

It's been a tumultuous week for MSB labs in Remsen and we owe a deep sense of gratitude to our facilities team who have toiled hard and long hours to help restore space as quickly as possible. As EHS and the safety experts go through the building floor by floor, we will be recovering many operations within the next few weeks. We also thank our Vail colleagues for providing bench space and storage for reagents. Just know that there is much work going on behind the scenes. Finally, our devoted Operations Director Cheryl Bush rushed back early from her vacation to support the department.

Please reach out to our admin team if you need assistance booking rooms for meetings, any other help during this challenging period, or just want to talk.

[GEISEL CALENDAR](#)[SUBMIT CONTENT](#)[MSB CALENDAR](#)



Department of
Molecular and Systems Biology
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Ph.D. THESIS DEFENSE SEMINAR

Francesco Emiliani

Ph.D. Graduate Student
Department of Molecular and Systems Biology

***“Encoding permanent records of
transcription in the genome”***

**Wednesday
March 1, 2023
1:00 P.M.**

Auditorium H or [Zoom](#)

Meeting ID: 981 1507 1364
Passcode: Francesco

Pizza provided

Advisor: Aaron McKenna, Ph.D.



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Ph.D. THESIS DEFENSE SEMINAR

Adelaide Tousley

Ph.D. Graduate Student
Integrative Neuroscience at Dartmouth

**“GABAergic interneurons and prenatal ethanol
exposure: from development to aging”**

**Tuesday
March 21, 2023
11:00 A.M.**

Chilcott Auditorium or [Zoom](#)

Advisor: Hermes Yeh, Ph.D.

UPCOMING MSB SEMINARS

3/6 Rebecca Powell, Icahn School of Medicine at Mount Sinai

3/13 Carlos Tristan, National Center for Advancing Translational Sciences

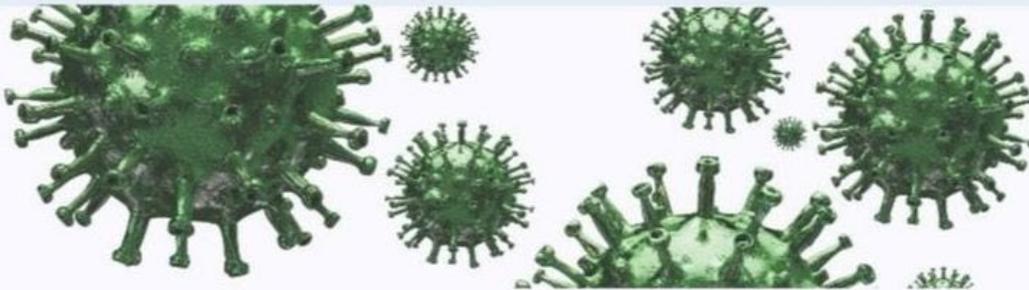
3/20 Roel Verhaak, The Jackson Laboratory



Department of
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PRESENTS

Human milk antibody
responses to COVID-19
infection and vaccination



Rebecca L.R. Powell, Ph.D.,

Assistant Professor, Department of Medicine
Division of Infectious Diseases
Icahn School of Medicine at Mount Sinai



March 6, 2023
Chilcott Auditorium
NOON



Icahn School of Medicine at
Mount Sinai



Department of
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PRESENTS

Polypharmacological cocktail for stress-free use of human pluripotent stem cells

Carlos Tristan, Ph.D.,

Acting Director, Stem Cell Translation Laboratory
National Center for Advancing Translational Sciences
National Institutes of Health

March 13, 2023

Zoom

NOON



National Center
for Advancing
Translational Sciences



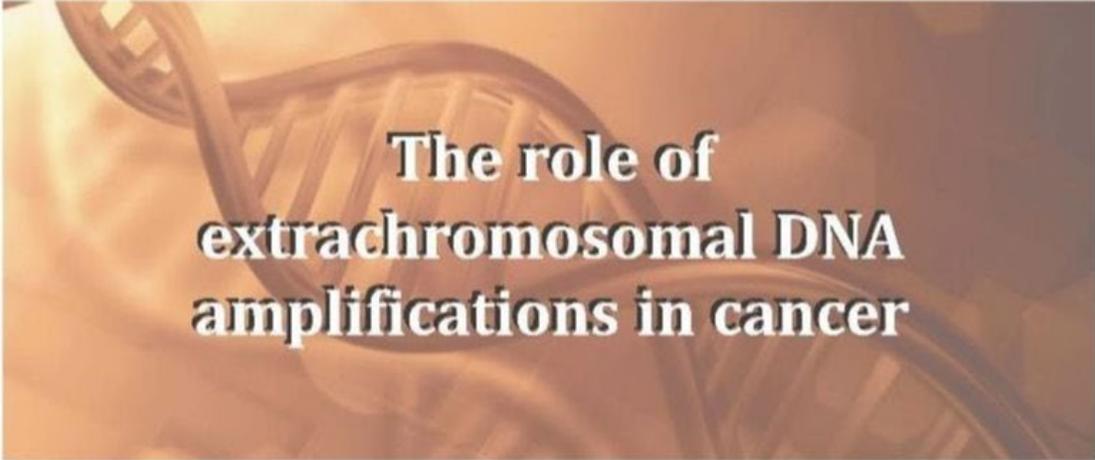


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PRESENTS



The role of extrachromosomal DNA amplifications in cancer

Roel Verhaak, Ph.D.,

Associate Director of Computational Biology
Florine Deschenes Roux Chair for Genomics and
Computational Biology

March 20, 2023

Auditorium C/D, DHMC

12:30 PM





Department of

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PRESENTS

**Development of a
Prostamide Therapeutic:
Insights into its cytotoxic
and immunostimulatory
activity in melanoma**

Rukiyah T.

Van Dross-Anderson, Ph.D.,

Associate Professor

Director of Graduate Programs, Pharmacology &
Toxicology Concentration

Member, Center Health Disparities



March 27, 2023

Chilcott Auditorium

NOON



OTHER SEMINARS & EVENTS

The annual Neuroscience Day at Dartmouth will take place on **Saturday, March 18, 2023**, in the Life Sciences Center at Dartmouth College. All interested

members of the Dartmouth community are invited and encouraged to attend. This year the event will coincide with the recruitment weekend for the Integrative Neuroscience at Dartmouth graduate program.

Featuring talks by faculty and students including:

[Gina Poe, PhD](#) University of California Los Angeles

[Gordon Fishell, PhD](#) Harvard Medical School

Poster session and competition with prizes open to Dartmouth undergraduate students, graduate students, postdocs, research scientists, and faculty.

Registration Deadline is March 3rd, 2023

Register here: <https://sites.dartmouth.edu/neuroscience/neuroscience-day-2023/>

KUDOS

Congratulations to the Ahmed lab for their publication in Science Signaling, [USP47 deubiquitylates Groucho/TLE to promote Wnt-β-catenin signaling](#)

The Ahmed lab has been awarded a 5-year multi-PI R01 grant from NIH/National Cancer Institute: **R01CA281002** starting 3/1/2023, "**A Cereblon signaling network in Wnt-driven cancers**". Dartmouth is the lead institution, with subawards to Ethan Lee/Vanderbilt and David Robbins/Georgetown.

Congratulations to the Luikart lab for their grant, "**PTEN Loss Increases Neuronal Burst Firing and Seizures Independently of mTOR** "

Congratulations, Zach Spencer!

Stellan Spencer was born February 15th
happy and healthy!



Congratulations to Alex Skorput
and Pam Rosato on the birth of
Oliver Rosato Skorput. Verdict is
still out on whether he'll be a future
neuroscientist or immunologist!

SCIENCE DAY

Guarini School graduate students are thrilled to announce Science Day at Dartmouth will return on Saturday, April 8 from 10:00 a.m. - 3:00 p.m. at the Life Sciences Center. We are looking for volunteers to lead activities and help with the entirely volunteer-run event.

Please sign up at the link: <https://forms.gle/yKVHSHHPYyuXLb8f6>

For more information, visit the Science Day website:

<https://academic-outreach.dartmouth.edu/programs/science-day>

2023 RELIGIOUS OBSERVANCES

As part of its commitment to creating a more diverse and equitable community, Dartmouth supports students, staff, and faculty in observing religious holidays of significance to them. In the complex process of creating the academic calendar, religious holy days are but one of many considerations. The College has always been helpful in facilitating communication and encouraging respect and understanding when there are academic calendar conflicts with religious [holy days](#).



CAMPUS CONNECTOR BUS - REDUCED SERVICE

For the period March 16, 2023, through March 24, 2023, the Dartmouth Campus Connector bus to Summit on Juniper and DHMC, will reduce to hourly service,

Monday-Friday 7am-10:30pm, Saturday-Sunday 9am-10:30pm. The last bus for the evening will leave Summit on Juniper at 10:00pm for a final campus loop. Normal service will resume on March 25, 2023.



RECIPE OF THE MONTH

Maple Syrup Muffins, [She's Not Cookn'](#)



Ingredients

¼ butter, melted

½ cup granulated sugar

1 tsp. salt

1 and ¼ cups all-purpose flour

2 tsp. baking powder

¾ cup rolled oats

½ cup milk

½ cup maple syrup

Glaze

1 tbsp. butter, softened

½ cup powdered sugar

3-4 tbsp. maple syrup

Directions

1. Melt butter and set aside.

2. In a large mixing bowl, combine all-purpose flour, baking powder and salt. Set aside.

3. In a small mixing bowl, combine melted butter and granulated sugar and mix well to combine.

4. Add the sugar mixture to the flour mixture and stir just until combined.

5. Add in the rolled oats and stir just until combined. Mixture will be crumbly.

6. In a small bowl, combine maple syrup and milk and stir to combine, then pour over oats mixture and stir just until combined.

7. Divide batter evenly in 12 paper-lined, or greased muffin tin. (for larger muffins, divide evenly among 9 muffins cups and bake a few minutes longer).

8. Bake in 350F oven for 20-23 minutes.

9. Cool for 1 minute in muffin tin, then transfer to cooling rack.

10. Cool for three to five minutes on

cooling rack, then drizzle with maple glaze.

11. For the glaze, and using a wooden spoon, combine 1 tbsp. softened butter with powdered sugar and 3 tbsp. of the maple syrup. Continue to add maple syrup (up to 1 more tbsp) until a spreadable glaze is achieved.

DAY LIGHT SAVINGS - March 12, 2023



Employee COVID-19 Resources

- Face masks and take-home rapid antigen tests continue to be available to faculty, staff, and students at [pick-up locations](#) across campus.
 - COVID-19 tests are also available through local testing resources listed on the state health department websites for [New Hampshire](#) and [Vermont](#).
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For instruction on testing, isolation, or quarantine, students should [contact Dartmouth College Health Services](#) and employees should contact Axiom Medical at 833-408-1338.

If you have questions, please reach out to the COVID-19 response team at Covid-19.info@dartmouth.edu.



Our mailing address is:

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