

# MSB NEWS

*Monthly Newsletter*



Department of

**MSB Molecular and Systems Biology**

Geisel School of Medicine at Dartmouth

*Let's stay connected...*



Looking for another MSB graduate student to join our seminar committee and help select speakers for MSB Monday seminars. Also looking for a graduate student and a post-doc to serve on MSB's Enriching our Environment committee. Great opportunities for leadership experience!

E-mail [molecular.and.systems.biology@dartmouth.edu](mailto:molecular.and.systems.biology@dartmouth.edu)

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### GEISEL CALENDAR



### SUBMIT CONTENT



### MSB CALENDAR



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## UPCOMING MSB SEMINARS

11/7 Roser Vento-Tormo, Wellcome Sanger Institute

**"Mapping the development and regeneration of reproductive tissues"**

11/28 Galit Pelled, Michigan State University

**"Neuromodulation for restoring and augmenting neuro-performance "**

12/5 Davi Bock, University of Vermont

**"Large-scale electron microscopy for analysis of neuronal circuits"**

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## MEMORIUM



[Michael B. Sporn, MD](#), a visionary cancer researcher with an unorthodox approach to cancer treatment who was a professor emeritus of pharmacology and toxicology at Geisel School of Medicine, died on Sept. 29. He was 89.

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## KUDOS



Congratulations to Steven Tau of the Miller lab for being selected to give a platform presentation at the 2022 Cancer Molecular Therapeutics Research Association Annual Meeting.

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Congratulations to the Miller lab on their recent publication in [British Journal of Pharmacology](#), "Tumour, whole-blood, plasma and tissue concentrations of metformin in lung cancer patients."

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Congratulations to Steve Leach on his recent publications and grants!

Publications: [Nature](#), "Ordered and deterministic cancer genome evolution after p53 loss"

[JNCI Cancer Spectr.](#), "Prioritizing Measures That Matter Within a Person-Centered Oncology Learning Health System"

Grants: Title: Developing ATAC-array as a novel epigenetic biomarker to guide

personalized therapy in pancreatic cancer.

Title: Epigenetic Licensing of Pancreatic Cancer Metastasis.

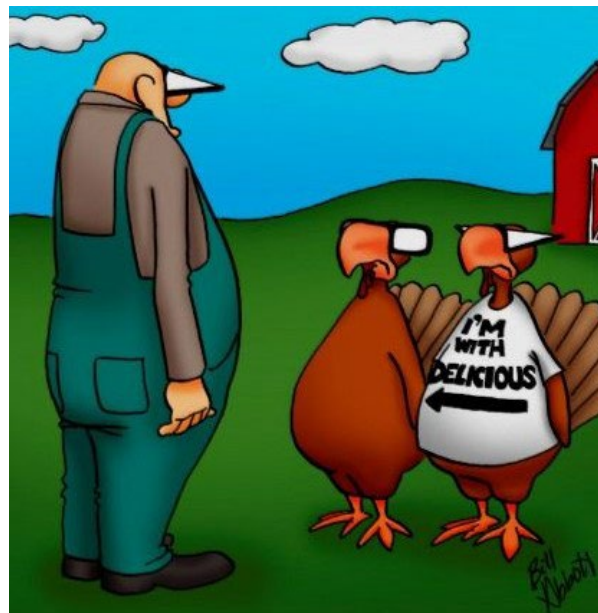
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Very proud of our MSB graduate students and staff who under the leadership of Nerd Squad inc. and SACNAS are holding a “scientist boot camp” every Friday with 3rd grade students at the Outtaquechee School. Interactive STEM outreach is so exciting and important for these kids. If you are interested in volunteering in the future please e-mail [Nerd.squaduppervalley@gmail.com](mailto:Nerd.squaduppervalley@gmail.com).



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SACNAS at Dartmouth recruiting new talent at NDiSTEM in San Juan, Puerto Rico!



**There is always next year...**

MSB labs did better than ever in this year's 4th Annual Lone Pine Pumpkin Derby the Halpern lab with a whopping 3rd place winner.

Congratulations to the speedy Hicks Pries lab from Biology and a big thanks to Amelia from the Hoppa lab for organizing a fun and highly competitive event.





Halloween fun with Jaden Devine-Brillant, Kate Moss, and Cagney Coomer.

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## RECIPE OF THE MONTH

**Pear Cranberry Crisp, [NYT Cooking](#)**



## Ingredients

### For the Filling

- 1 pound pears (2 large), ripe but firm
- 2 cups fresh cranberries
- ½ cup granulated sugar
- 2 tablespoons orange juice
- 1 teaspoon vanilla extract
- ½ teaspoon finely grated orange zest
- ½ teaspoon finely grated fresh ginger

### For the Crust and Crumble

- 2 cups all-purpose flour
- 1 cup light brown sugar, packed
- 1 cup almond flour
- 1 cup rolled oats
- 1 teaspoon kosher salt
- 1 cup unsalted butter, melted and cooled
- ½ teaspoon almond extract

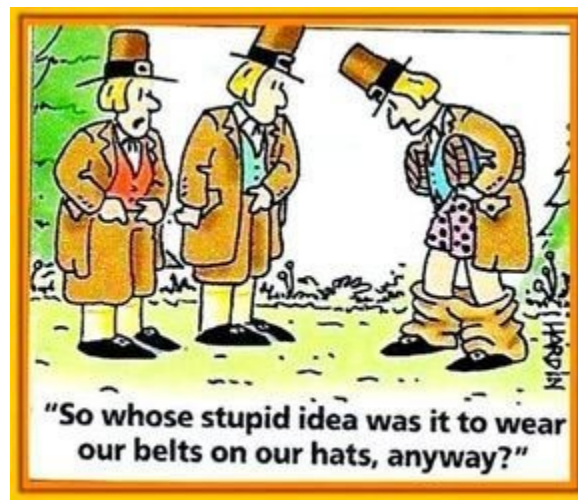
## Directions

1. Heat oven to 350 degrees and line a 9x9-inch baking dish with parchment paper.
2. Prepare filling: Peel, core and chop the pears into ½-inch pieces. You should have about 2½ cups of chopped pears. Add pears, cranberries, sugar and orange juice to a heavy-bottomed skillet or saucepan. Bring the mixture to a boil and cook over medium-high heat, stirring occasionally until pears soften, cranberries burst, and juices are thickened and jammy, 7 to 10



minutes. Add vanilla, orange zest and fresh ginger and stir to combine. Remove from heat and let cool while you prepare the crust.

3. Prepare crust and crumble: In a large bowl, combine flour, brown sugar, almond flour, oats and salt. Stir to combine. Add butter and almond extract, and stir until crumbs are well moistened.
4. Reserve about 2½ cups of the mixture for the topping. Pour remaining crumbs into prepared dish and press them into an even layer. Bake the crust until golden, 10 to 15 minutes.
5. Spoon filling (it's O.K. if it's still warm) evenly over the hot crust, top with reserved crumbs, and return pan to oven. Bake until golden, 20 to 25 minutes. Let the bars cool slightly before cutting and serving.



## PET OF THE MONTH

MSB misses seeing all of your animal friends, furry and otherwise so we are including our “Pet of the Month” feature again. Send a prize-winning photo and some info about your own cute pet to [molecular.and.systems.biology@dartmouth.edu](mailto:molecular.and.systems.biology@dartmouth.edu) and they could win a prize.

Julius, a 60 lb 9½ month old puppy, won’t budge from the middle of the road when he doesn’t feel like walking. Good thing there isn’t too much traffic in rural New Hampshire. He is the proud son of a red standard poodle and white goldendoodle and his humans, Marnie & Charlie.



## COVID-19 UPDATE

### 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](#).

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](mailto:Covid-19.info@dartmouth.edu).

**DARTMOUTH COVID-19:**  
Coronavirus Information

[STAY INFORMED](#)

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HAVE A HAPPY  
THANKSGIVING



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