Cool Stuff from the Literature

- How do babies learn? Observations and recognition of behavioral patterns play important roles. In a recent study, 11 month old infants were more likely to explore objects and test hypotheses when experiencing “violations of expected behaviors,” like objects not falling when dropped or a toy car appearing to roll through a wall. (read more here)

- The new development of single-cell sequencing technology has now allowed researchers to identify multiple clones of cells within patients diagnosed with acute myeloid leukemia (AML). The various clones within a single cancer may explain relapses or failures to achieve complete remission. Exciting techniques such as single cell sequencing will undoubtedly impact many other fields. (learn more here)

- We know that neonatal heart cardiomyocytes divide and grow during early childhood. In addition, the newborn myocardium avoids scarring like that seen in adults. However, a recent study finds that diseased hearts from neonates and young children lack the same cell proliferation seen in normal pediatric hearts. This difference may be due to abnormalities in neuregulin signaling. Adding neuregulin-1 stimulated cell division in cardiac myocytes from patients under 6 months of age, but was not able to stimulate proliferation in adult or older pediatric heart cells. (full article here, must be behind UCSD firewall)

Division of Neonatology Happenings

Get out your walking shoes and mark your calendars! The March of Dimes Walk for Babies is coming up on Saturday, April 25th at Balboa Park. Even better, this beautiful three mile walk is the perfect way to kick off PAS weekend! Click here for more info.

Upcoming Seminars and Conferences

- Tuesday, April 7th — Dart NeuroScience Seminar Series: “Unraveling Smell” Speaker: Linda B. Bugk, Ph.D. (Investigator, Howard Hughes Medical Institute) 10:00-11:00 DNC1— Dorris Neuroscience Center Auditorium
- Wednesday, April 8th — “Bacterial Quorum Sensing and Its Control” presented by Bonnie Bassler, Ph.D. (Princeton University) 4:00-5:00 Marilyn G. Farquhar Seminar Room
- Thursday, April 9th – CHERS Career Development Seminar Series “Successful Grant Writing” presented by Dr. Don Durden and Dr. Lars Bode. 4:00-5:00 in Amphitheatre 1120 Skaggs School of Pharmacy and Pharmaceutical Sciences (SPPS)
- Find out about more seminars here

Grant Announcements & Funding Opportunities

Just Announced: Seed Grants in Microbiome Science! The Department of Pediatrics, Collaborative Center for Mass Spectrometry, UCSD Microbiome Initiative, and School of Pharmacy and Pharmaceutical Sciences are delighted to announce seed grants for microbiome science, with a total of $500,000 available to jumpstart microbiome research in San Diego. This group is especially interested in sparking new research collaborations with a microbiome focus that will lead to exciting new science and extramural funding. Applications will be reviewed on a continuous basis until the funds are depleted. Please contact Mallory or Kim if you’d like more information!

For more on division research, seminars, workshops, and funding opportunities, please visit here.

Info to share? Feedback or comments? Contact us here and let us know.