



This calendar is dedicated to the rat research community. Thank you for your continued support and encouragement!

With appreciation, The RGD team



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February 2014

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Drawing courtesy of Fumi "Mogu" Yoshimura. Rat with glasses represents Dr. Mindy Dwinell – hard at work as usual on another grant application, progress report, GERRC application, or other important paperwork. Thank God for coffee (and a cute little one to bring it)!



Rat figurines. Photos courtesy of Dr. Melinda Dwinell, Human and Molecular Genetics Center, Medical College of Wisconsin, Milwaukee, WI, USA. http://www.hmgc.mcw.edu/faculty/dwinell.htm

Cover Photos

Photos A and L: F344/BN "speed congenic" strain. Strain developed by and photos courtesy of Dr. Tomo Eto, Central Institute for Experimental Animals (CIEA), Kawasaki, Japan.

Photos B and F: Crlj:Wl rat pups. Photos courtesy of Ms. Miki Nakajima and Dr. Toshihiro Aoto, PhoenixBio Co., Ltd., Utsunomiya City, Japan.

Photos C, G and K: lar:Long-Evans rats. Photos courtesy of Ms. Miki Nakajima and Dr. Toshihiro Aoto, PhoenixBio Co., Ltd., Utsunomiya City, Japan.

Photo D: "March", a 10 month old male standard-eared black self (i.e., a black rat with no white markings). Photo courtesy of Joanne Bella Hodges.

Photo E: "Strawberry", a 26 month old female dumbo-eared, Russian Blue, heterozygous rexoid (interesting fact: the Rex coat is dominant, but when homozygous causes fur loss [mock hairless]). Photo and information courtesy of Joanne Bella Hodges.



Photo H: Juvenile F344 (Fischer) rat possessing RT1u/u class II MHC and a null mutation in Gimap5. The strain was generated through backcrossing with the type 1 diabetic BioBreeding (BB) rat. Photo courtesy of Les Tension Photography. Submitted by Angela Henschel, Max McGee National Center for Juvenile Diabetes at the Medical College of Wisconsin, Milwaukee, WI, USA.

Photo I: "Jaya" - a Russian Blue Burmese (another interesting fact: Although its mode of inheritance is not completely understood, it is known that the Burmese gene requires interaction with the c locus to express.). Photo and information courtesy of Joanne Bella Hodges.

Photo J: Hairless SHR rat carrying a spontaneous mutation in the Dsg4 gene (Ref: Meyer et al., Differentiation 72: 541-547, 2004). Photo courtesy of Dr. Michal Pravenec, Institute of Physiology, Academy of Sciences of the Czech Republic, Prague, Czech Republic.