

Animal Resource Table

Animals for studying diabetes mellitus and its complications*

Species	State of characterization		Availability for research		
	Insulin dependency	Complications	Source	Cost/animal	Number of available animals
Rodents					
<i>ob/ob</i>	-	Undetermined	The Jackson Laboratory Bar Harbor, ME	\$14.00	5,000 per year
<i>db/db</i>	-	Neuropathy, nephropathy	The Jackson Laboratory Bar Harbor, ME	\$12.50	5,000 per year
NOD	+	Undetermined	Aburahi Laboratories Shionogi Company, Ltd. Osaka 553, Japan	Not available for distribution	0
KK	-	Undetermined	James E. Womack Department of Veterinary Pathology Texas A & M University College Station, TX	Check with source	Breeding pairs only
			Lieselotte Herberg Forschung Institut Auf'm Hennekamp 65 4000 Dusseldorf, Germany	Check with source	Breeding pairs only
Zucker	-	Obesity	Patricia R. Johnson Department of Biology Vassar College Poughkeepsie, NY	Check with source	Surplus animals available; older females are in greater supply; collaborative research arrangements are possible
			Judy Stern Department of Nutrition University of California Davis, CA	Check with source	
BB/W	+	Nephropathy, neuropathy, large for gestational age newborns	Pierre Thibert Animal Resources Division Sir Frederick W. Banting Research Center Ottawa, Canada	Check with source	Check with source
			Arthur A. Like University of Massachusetts Medical School Worcester, MA	Check with source	Check with source
Chinese hamster					
6 months diabetic	-	Undetermined	George C. Gerritsen The Upjohn Company. Kalamazoo, MI	Animals are not for sale; collaborative arrangements with investigators in academic laboratories can be established	1200 diabetic geno- types produced per year (about 3% are severely ketoacidotic) and 1200 nondia- betic genotypes produced per year
12 months diabetic	+	Neuropathy, nephropathy, microangiopathy, changes in retinal morphology but not retinal blood vessels			
Dogs					
Keeshond	+	Undetermined	John Kramer Washington State University Pullman, WA	Not available for distribution; collaborative arrangements are possible	0
Golden Retriever	+	Undetermined	W. Schall Michigan State University East Lansing, MI	Not available for distribution; collaborative arrangements are possible	0

Animal Resource Table (continued)

State of characterization			Availability for research		
Species	Insulin dependency	Complications	Source	Cost/animal	Number of available animals
Yucatan miniature swine	–	Thickened capillary basement membrane	Robert W. Phillips Colorado State University Ft. Collins, CO	\$100–\$450	Variable
Nonhuman primates <i>Macaca nigra</i>	+	Atherosclerosis, thickened basement membrane, cataracts	Charles Howard, Jr. Oregon Regional Primate Research Center Beaverton, OR	Not available for distribution; collaborative arrangements for non-terminal experiments are possible	78 (5,28)†
<i>Macaca mulatta</i>	+	Nephropathy	Barbara Hansen University of Michigan School of Medicine Ann Arbor, MI	Not available for distribution; collaborative arrangements for non-terminal experiments are possible	25 (1,14)†
<i>Macaca fascicularis</i>	+	Undetermined	Thomas Clarkson Bowman Gray School of Medicine Winston-Salem, NC	Not available for distribution; collaborative arrangements for non-terminal experiments are possible	35‡
<i>Saimiri sciureus</i>	–	Undetermined	Thomas Clarkson Bowman Gray School of Medicine Winston-Salem, NC	Not available for distribution; collaborative arrangements for non-terminal experiments are possible	300(0,75)†

* Information compiled from preceding articles.

† The total number of animals currently in the colony is listed. The numbers in parentheses represent overtly and mildly diabetic animals, respectively.

‡ The original five diabetic males in the colony have parented 30 offsprings who may be as yet too young to present with diabetes.