

# Degrees Awarded by the Department of Physiology and Biophysics

(revised May 15, 2017)

Abraham, Rana Rose MS 2001 Transcriptional regulation of the human muscle-specific cytochrome c oxidase subunit VIa-H gene

Abrams, Issac Nathan MS 1958 Qualitative and quantitative analysis of oral muscle pressures

Afshar, Yalda PhD 2010 The role of notch1 in endometrial receptivity and decidualization

Agis-Balboa, Roberto C. PhD 2008 Targeting emotional brain circuits with neurosteroid modulators of GABAA receptor function

Albarracin, Constance T. PhD 1993 Phosphorylation and protein synthesis : prolactin sites of action in the corpus luteum

Alden, Kris John PhD 2002 Calcium channel regulation : roles of alpha-2/delta subunit and protein kinase C-beta11

Allen, John A PhD 2007 Regulation of heterotrimeric G protein signaling by lipid microdomains

Almeida, Ary Lopes de. MS 1952 Experimental production of pancreatitis with ethionine

Amato, Philip Anthony PhD 1981 Involvement of microfilaments in milk synthesis and secretion in lactating guinea pig mammary gland

Andric, Tanja MS 2004 Rapid neuronal signaling mediated by brain-derived neurotrophic factor

Anita, Framroz Pirojshaw MS 1949 The effect of vagotomy on gastric function in the dog.

Ansbro, John Francis MS 1966 Electrical stimulation as a decidualoma elicitor in pseudopregnant rats.

Ansenberger, Kristine PhD 2010 The laying hen and flaxseed : a model for dietary intervention of human ovarian cancer

Antikatzides, Theodore G. PhD 1973 Relationship of macrophage function to the growth of transplantable Walker 256 carcinoma cells.

Arias, Edward Belisario PhD 1997 Cloning and molecular characterization of an estrogen-dependent human oviduct-specific glycoprotein

Ashley, William Wallace, Jr. PhD 2001 Molecular control of skeletal muscle adaptation

Atkins, Gladys PhD 1964 Metabolism of 17-hydroxycortico-steroids during environmental stresses.

Atkinson, Linda Eleanore PhD 1969 Mechanical and enzymatic characteristics of rat and guinea pig cardiac muscle: a comparative study.

Avner, Benjamin PhD 2010 Modification of cardiac myofilaments by reactive oxygen species and cardiac pathophysiology

Baar, Keith PhD 2000 Translational control of skeletal muscle hypertrophy

Babirak, Stephen Paul PhD 1980 Lipoprotein lipase in lactating rat mammary gland.

Bacus, James William PhD 1971 An automated classification of the peripheral blood leukocytes by means of digital image processing

Bae, Hyunsu PhD 1997 Mechanisms of specificity of receptor-G protein interactions

Balin, Martin Stewart PhD 1975 Anterior pituitary hormones in the male rat: accessory sex tissues and behavior.

Ball, Karen L. PhD 1994 Troponin i isoform expression and responsiveness of cardiac myofilaments to acidic pH

Banerjee, Prajna PhD 2009 Maternal fetal communication : signal transduction by chorionic gonadotropin in the endometrial epithelium

Bao, Lei PhD 2006 Roles of decidual prolactin and interleukin-11 in pregnancy

Baranowski, Robert Louis MS 1973 The effect of 1-sarcosine 8-leucyl angiotensin II on glycerol-induced acute renal failure.

Baranowski, Robert Louis PhD 1979 Intrarenal renin and angiotensins in experimental acute renal failure.

Baratz, Robert Alan MS 1954 Capillary permeability during hemorrhagic shock in the rat.

Baratz, Robert Alan PhD 1958 Alterations in renal hemodynamics and antidiuretic hormone release following activation of the volume receptor mechanism in the dog.

Bartoli, Adolph John MS 1939 The role of the pituitary in the calorogenic action of vitamin D.

Bass, Noel Myron MS 1960 Cardiodynamic and adrenal medullary responses to acute coronary occlusion.

Baumgarten, Sarah C PhD 2015 Role of insulin-like growth factors in granulosa cell differentiation and ovarian follicle maturation.

Bauschard Michael J MS 2012 Conditional knockdown of the insulin receptor in ovarian granulosa and theca cells and female fertility.

Belin, Rashad Jabali PhD 2005 Molecular mechanisms of left ventricular myofilament dysfunction in experimental congestive heart failure

Benjamin, Fred Berthold MS 1950 The effect of peptic ulcer regimes on gastric secretion.

Bennett, Jill PhD 2013 GATA4 and GATA6 are essential for folliculogenesis, ovulation, corpus luteum function and female fertility.

Benuck, Myron PhD 1966 Incorporation of C- p14- s-glucose into the glycolipids of the perfused cat brain.

Bernstein, Jerrold PhD 1967 Electrical activity of frog spinal ganglion cells in calcium-rich and calcium-poor media.

Bernstein, Lionel Mandel PhD 1954 Body composition as related to heat regulation in women.

Berry, Isaac Murphy MS 1948 Substitution therapy for the complete absence of the intestine.

Bessinger, Herbert Edwin MS 1948 Relation of the adrenal gland to the renin content of the canine kidney.

Beyler, Stan Allen PhD 1980 Evaluation of acrosin inhibitors as antifertility agents.

Bhartur, Sheela G. PhD 1995 Na<sup>+</sup>/H<sup>+</sup> exchangers in chicken epithelial and non-epithelial tissues

Bingel, Audrey Susanna PhD 1968 The timing of cyclic and postpartum ovulation in the mouse.

Bird, Robert Barrett PhD 1951 Treatment and prophylaxis of experimental renal hypertension with semi-purified hog renin.

Blasdell, Alison Lee PhD 1979 Effect of bundle branch block on ventricular vulnerability.

Boon, Donald Jackson MS 1963 Peripheral blood flow during exposure to cold, altitude and hypoxia.

Boonayathap, Udom PhD 1973 Renal handling of cortisol in dogs.

Boswell, Lois Shirky PhD 1958 Independence of adrenocorticotrophic and gonadotrophic hormone release.

Braach, John William MS 1948 The effect of testosterone propionate on the nitrogen excretion of the rat following burns.

Brannick, Thomas Leonard MS 1951 Prophylaxis and therapeusis of experimental renal hypertension with crude hog renal medulla extract.

Brennan, Betsy Becker MS 1953 The relation of plasma antirenin titre to renal renin concentration in the dog.

Briskin, Harold Louis MS 1941 Studies on the effects of Vitamin D and related sterols on blood pressure in the albino rat.

Brom, Gretchen Mary MS 1968 Acute changes in the estrous cycle following ovariectomy in the Golden Syrian hamster.

Brown, Gail Pearl PhD 1975 Progesterone secretion by the adrenal gland of rats and hamsters.

Buckley, William James PhD 1970 Concentrative properties of serum during hemorrhage and dehydration.

Burkart, Eileen M. PhD 2003 Effects of PKC phosphorylation and mutations linked to familial hypertrophic cardiomyopathy in the heart

Burns, Herschel Smith MS 1934 Conditions governing absorption from the intestine.

Burns, Richard Owen PhD 1951 Protection against hypertension, arteriolonecrosis and death by hog renal extracts in experimental malignant hypertension.

Burns, Richard Owen MS 1948 The effect of renal extracts on experimental hypertension.

Butler, Brandi L MS 2012 Transcriptional regulation of insulin-like growth factor binding protein 2 in rat granulosa cells.

Caldarelli, David Donald MS 1965 Plasma LH in the cycling female rat.

Calderon-Gierszal, Esther L PhD 2014 Directed differentiation of human embryonic stem cells (hESC) to prostate: novel models that unravel the effects of bisphenol A on human prostate development.

Canham, Robert Gerald MS 1948 Effect of vascular ligation of the adrenals on the blood pressure of the dog.

Carr, Frances Eileen PhD 1980 Prolactin receptors and their regulation in *Rana catesbeiana* tadpoles.

Carstens, Herman Paul MS 1939 Roentgen studies of the mechanism involved in sperm transportation in the female rabbit.

Chaney, Kimberly Ann PhD 2002 Monoclonal antibody DMAP-45 recognizes an epitope shared by p40/LBP at the centrosome and a unique subset of actin

Chang, Sunghoe PhD 2000 Neurotransmitter secretion and dynamics of axonal cytoskeleton in developing neurons

Chatchavalvanich, Santipongse PhD 2012 Effects of a gap junction inhibitor on stem cell retention and efficacy during early myocardial ischemia

Chatsudthipong, Varanuj PhD 1987 Calcium and angiotensin II in the regulation of renal proximal tubular transport

Cheesman, Kerry Lee PhD 1981 Evaluation of the gestational and hormonal responses to an antiprogestone antiserum in the rat.

Chen, Jiang PhD 1995 Facilitated G protein coupling to adenylyl cyclase as a mechanism of antidepressant action

Chen, Ningfang MS 1998 Specific domains on g protein alpha subunits interact with tubulin to regulate cell form and function

Chernaya, Olga PhD 2008 The role of the actomyosin based cytoskeleton in the regulation of physiological cell responses

Chobot, George Robert MS 1940 Effect of various agents on the blood pressures of experimental renal hypertensive dogs.

Chong, Dianne MS 1975 Reticuloendothelial phagocytic and morphological changes following surgical trauma.

Chung, Cathie Tuck PhD 1985 Genetic differences in striatal opiate receptor function among inbred mouse strains.

Clare, Frank Brian MS 1943 The effect of metrazol convulsions, electroshock convulsions and of typhoid-paratyphoid vaccine injections on the leucocyte count in the rat.

Clarke, Burdick Green MS 1947 The effect of resection of mesenteric lymph nodes on intestinal fat absorption in the dog ..

Cohn, Arnold Louis MS 1940 The oxygen consumption of preserved human erythrocytes.

Cole, Arthur Gideon PhD 1928 The proteins of egg white; the proteins of egg white and their relationship to the blood proteins of the domestic fowl as determined.

Comess, Morton Seymour MS 1952 The relationship of electrical and ballistic events incident to the cardiac cycle in man.

Conlon, Beth A. PhD 2006 Regulation of macrophage TNFA : are the adenosine receptors and adenosine deaminase working together?

Connors, John Michael PhD 1977 Effects of simulated high altitude on the myocardial anoxic resistance and thyroid function of the rat and the thirteen-lined ground squirrel.

Conway, James D. MS 1972 Hepatic vascular response associated with intravascular phagocytosis.

Copack, Paula Bernadine PhD 1970 Ontogenesis of the diffuse auditory evoked potential in kittens.

Cornell, Robert Peter PhD 1972 Investigation of the humoral, phagocytic, and degradative aspects of reticuloendothelial host-defense activity.

Crandall, Earle Ellsworth MS 1956 Pathogenesis and treatment of experimental hypertension produced by constriction of the carotid sinus area in dogs.

Cress, Charles Henry MS 1943 The effect of anoxic and anemic anoxia of the leucocyte count ...

Czerwinski, Susan M. PhD 1989 Prevention of glucocorticoid-induced muscle atrophy by exercise : potential mechanisms.

Das, Rita Basuray PhD 1983 Luteotropic role of the decidual tissue in pregnant and pseudopregnant rats.

Dave, Rahul H. PhD 2010 Molecular mechanisms of functional Gsa-tubulin interactions

Davis, Robert Elwyn MS 1948 Thermal irritation of gastric mucosa.

Demovsky, Ronald Allan MS 1962 Histologic distribution of injected carotene and vitamin A.

Deng, Jing MS 2013 PU.1 is required for macrophage polarization and the development of allergic inflammation.

Denton, Robert Webster PhD 1950 Physiological properties of cholecystokinin concentrates.

Dewan, Sukriti PhD 2012 Cross-bridge cycling kinetics and phospho-proteome modulation in guinea pig heart failure.

Dillman, Lucius Matlock MS 1932 A physico-chemical study on the state of calcium in biological fluids.

Domingue, Jada PhD 2016 Chenodeoxycholic acid activation of CFTR-dependent Cl<sup>-</sup> secretion requires a complex network of signaling cascades.

Dougherty, Carole Diane PhD 1969 Regulation of sodium reabsorption in the proximal renal tubule as evaluated by stop flow analysis.

Draper, Milton Allen PhD 1969 Biochemical alterations in the guinea pig myocardium following aortic constriction.

Dreyer, Thomas Morgan MS 1972 Behavioral changes following localized lesions of the amygdaloid nuclei in the monkey (*Macaca mulatta*)

Druz, Walter Stanley PhD 1976 Respiratory system driving point resistance and reactance as a function of frequency.

Duan, Weijiang R. PhD 1995 Identification and cloning of prap, a prolactin receptor associated protein, specific to ovarian cells

Dupon, Caryn PhD 1970 Androgen influences during the prepubertal period on patterns of luteinizing hormone in rats.

Durkee, Timothy J. PhD 1994 Regulation of steroidogenic enzymes and androstenedione production by rat trophoblast cells

Dushkin, Milton Arnold MS 1935 A study of bacterial sensitivity to ultraviolet radiation.

Engel, Patti L. PhD 2006 Near N-terminal region of troponin I is critical in modifying feedback effects of cross-bridge activation

Espiritu, Doris Joy D.. PhD 2006 Molecular determinants of sodium bicarbonate cotransporter 1 activity

Esses, Elliott MS 1953 Factors affecting the activity of the choledocho-duodenal mechanism.

Evans, Christian C. PhD 2000 The effects of a familial hypertrophic cardiomyopathy-linked mutation in alpha-tropomyosin on cardiac function

Fainer, David Cleghorn MS 1949 Resuscitation from fresh water drowning.

Falduto, Michael T. PhD 1991 Skeletal muscle responses to exercise in the prevention of glucocorticoid-induced muscle atrophy

Ferguson-Gottschall, Susan D. MS 2003 The anti-apoptotic effect of prolactin in rat decidua

Flanagan, James Brierton MS 1941 A study of the effect of feeding raw pancreas with or without large doses of vitamin A or D fatty changes in livers of depancreatized dogs.

Flood, Francis Thomas MS 1950 A study of the fixation of dyes by the gastric mucosa.

Fogelman, Morris Joseph MS 1948 Experimental production of peptic ulcers in dogs by intragastric administration of acid and pepsin.

Ford, David Lawrence PhD 1972 Role of exogenous cyclic AMP on erythrocyte metabolism.

Fox, Benum Wesley MS 1951 Studies on intragastric radiation.

Frank, Ira Michel MS 1965 A drug-induced disturbance of concentration and memory.

Frank, Morton Howard MS 1954 Hog "renin" in the prophylaxis and therapeusis of experimental renal hypertension in the monkey.

Frank, Morton Howard PhD 1958 Treatment and prophylaxis of experimental renal hypertension in monkeys with renins and antirenins.

Frankel, Donald Benjamin MS 1942 The excretion of the urinary antidiuretic principle in normal and renal hypertensive dogs.



Frasor, Jonna PhD 2001 Prolactin signaling in the regulation of estrogen receptor gene expression

Frye, Charles Wallace MS 1953 Negative pressure respiration and the production on pulmonary edema.

Gaines, Walter MS 1940 Renin tachyphylaxis.

Galanter, William L. PhD 1993 The binding site and mechanism of the human erythrocyte anion exchanger studied with substrate analogs

Gale, Henry Hanna PhD 1967 Mechanical properties of aging rat myocardium.

Gao, Lizhu Published 1993 Developmental regulation of myofilament protein isoform transition in striated muscle

Garcy, Anthony Michael PhD 1976 Adenocortical activity of conscious cats during cerebroventricular perfusion with various cations and antagonists of neurotransmitters.

Gauthier, Gabriel Marcel PhD 1970 Bio-engineering studies of cerebellar influences on oculomotor control.

Germanovich, Andrew MS 2003 Protein kinase C beta II : from DNA to function

Glader, Bertil Eugene PhD 1967 Mechanism of phosphate transport across the human erythrocyte membrane as revealed by P- p32- s release studies.

Glaser, Linda Ann PhD 1987 Studies on rat placental lactogens

Glickman, Nathaniel MS 1936 The effect of oxygen deficiency on the sensitivity of rats to insulin.

Goldberg, Harold MS 1947 The influence of pentobarbital-sodium on the course of events in hemorrhagic shock.

Goldberg, Milton L. MS 1941 The effect of inactivated hog renin and active dog renin on the blood pressures of renal hypertensive dogs.

Goldenberg, Joseph PhD 2016 Lipid trafficking is affected by sex and mediates pathophysiological cardiac hypertrophy.

Goldenberg, Robert Arlin MS 1973 Auditory evoked potentials in cats with known lesions of the auditory pathway.

Goldinger, James Marvin PhD 1973 The influence of anaerobiosis on oxidized NAD and sodium transport in the human erythrocyte.

Goldman, Harold PhD 1957 Metabolic changes in the hypothalamus of the rat resulting from stress and adrenalectomy.

Goldspink, Paul H. PhD 1995 Transcriptional and post-transcriptional regulation of alpha-myosin messenger RNA in cardiac myocytes

Gomberg, Bernard MS 1941 The effect of hog renin on the blood pressure of renal hypertensive dogs.

Goodman, Alan Brian PhD 1965 Factors influencing the insensible water loss of human skin.

Goodpasture, Jessie Carrol PhD 1980 The acrosin system of spermatozoa in fertility and infertility.

Gordon, Archer Samuel PhD 1952 Comparative study of artificial respiration.

Gordon, Archer Samuel MS 1950 Artificial respiration; evaluation of manual and mechanical methods including a new manual technique.

Gordon, Michael Stanley MS 1961 Myofibrillar adenosinetriphosphatase activity in normal and failing human hearts.

Gottlieb, Gerald Lane PhD 1970 Interactions between the voluntary and postural mechanisms of the human motor system.

Graham, Leonard Albert MS 1957 Factors affecting the renin-antirenin combination and its assay.

Grajales Carias, Liliana MS 2009 Passage number and c-kit expression determine bone marrow-derived cell differentiation

Greenberg, Ralph Jerome MS 1942 Studies on the linguo-maxillary reflex.

Grimm, Arthur Frank PhD 1962 Properties of the myocardium in cardiomegaly.

Grimmenga, Arthur Frank MS 1956 Electrical and mechanical properties of exercised rat myocardium.

Groer, Maureen Edith PhD 1975 Inhibition of active sodium extrusion from human erythrocytes by phospholipase A and lysophospholipids.

Grossman, Jack William MS 1940 Ossification in the triticeous cartilages.

Grubgeld, Lester Edward PhD 1953 Hepatic catalase in relation to transplantable Tumors in rats.

Guerin, Miriam Anita PhD 1979 Microtubule function and the secretion of milk lactose.

Gujral, Tarunmeet MS 2014 Trafficking of SLC26A3 in intestinal epithelial cells: Effect of enteropathogenic E. coli (EPEC) infection.

Guyer, Betsy Rasmussen MS 1959 Prophylaxis of experimental malignant hypertension with crude hog renal and liver extracts.

Hafeez, Mohamed Abdul MS 1950 Action potential studies of the normal quadriceps femoris muscle.

Hailman, Harold Frank PhD 1943 The effect of vitamins of the B complex on the resistance of the organism to anoxia.

Hale, Edward Harned MS 1947 A study of the influence of acid base balance on gastric secretion.

Hambry, William McClellan PhD 1968 Renal function in hypertension.

Hanson, Martin Everett MS 1947 Quantitative aspects of the gastric secretory response to histamine.

Harner, Robert Hewing MS 1961 Cardiovascular responses to continuous positive pressure breathing.

Hawthorne, Edward William PhD 1951 Effects of preliminary renal ischemia on experimental renal hypertension.

Hawthorne, Edward William MS 1949 Production of experimental renal hypertension in the dog following preliminary renal ischemia.

Heidkamp, Maria C. PhD 2000 Mechanisms for control of alpha-myosin heavy chain mRNA translation and localization in cardiac myocytes

Heitkemper, Margaret McLean PhD 1981 Stress and the developmental activity of gastrointestinal neurotransmitter enzymes.

Heller, Lois Jane PhD 1970 Age-dependent change in biochemical and mechanical properties of rat myocardium.

Hendley, Edith Dipasquale PhD 1954 Circulatory factors influencing edema formation during hypoxemic perfusion of isolated rat hindlimbs.

Henry, John Philip MS 1956 The functional significance of the cortical respiratory areas of the dog.

Hiles, Linda Gayle PhD 1972 Secretion and metabolism of corticosteroids in the golden hamster during cold exposure and hibernation.

Hoffmann, Joan Carol PhD 1965 Timing of pituitary LH release responsible for post-partum and "progesterone-withdrawl" ovulation in the rat.

Hopp, Jane Frances Walish PhD 1989 Intracellular triacylglycerol metabolism in isolated skeletal muscle

House, Robert Martin MS 1941 The possible role of the kidney in the maintenance of normal blood pressure in the dog.

Hwang, Koa PhD 1953 Nervous control of the esophagus and cardia, with observations on experimental cardiospasm.

Hwang, Koa MS 1947 The nervous control of the esphagus.

Ingold, Ann Hunsaker MS 1956 Tension output in hyperthyroid and hypothyroid muscles stimulated directly and indirectly.

Ivy, Michael Todd PhD 1986 The Role of high affinity choline uptake in the cardiac ganglion of Limilus Polyphemus

Jach, Edwin Thomas MS 1957 Changes in circulating blood volume in the dog accompanying increased intra-abdominal pressure.

Jacobs, William Robert PhD 1984 Effects of catecholamines on renal cortical tubule function.

Jacobs-EI, Jamil PhD 1995 The plasticity of mature, non-proliferating adult muscle fibers

Janowitz, Henry David MS 1949 Studies in the regulation of hunger and appetite.

Janusek, Linda Witek PhD 1978 The role of the liver in modulating adrenocortical activity.

Johnson, Clarence Albert PhD 1931 A study of the protein of ragweed pollens...

Johnson, Joyce Helen PhD 1967 Liver microsomal permeability to non-electrolyte solutes as determined from light scattering properties.

Joyce, Cathy Lynn Alison PhD 1982 Comparative properties of sperm hyaluronidase and the antifertility activity of its inhibitors.

Juster, Rubin Jacob MS 1952 The determination of cardiac output by an electrical conductivity method.

Jweied, Eias PhD 2006 Cardiac myofilament function in human heart failure and diabetes

Kalser, Martin Howard PhD 1953 Pathophysiology of trypsin, trypsinogen and trypsin inhibitor.

Kalser, Martin Howard MS 1951 Bone marrow pressure change on exposure to simulated altitude.

Kapin, Michael Allen PhD 1983 Hemodynamic and regional circulatory alterations in the dog during an anaphylactic challenge.

Kaplan, Ervin MS 1949 The electrochemical interpretation of trace metal metabolism in the synovial membrane.

Kaplan, Morris Aaron MS 1931 A modified method for the preparation of hematoporphyrin...

Karam, Chehade Nehman PhD 2010 Cardiac myofilament regulation by kappa-Tropomyosin : a newly discovered isoform in the human heart

Karvinen, Esko PhD 1958 Factors modifying the absorption and synthesis of cholesterol.

Karvinen, Esko MS 1954 Absorption of some fats in rats in the absence of external pancreatic secretion.

Katz, Jerome I. MS 1955 Antirenin and renin in the treatment of spontaneous hypertension in the dog.

Kaufman, William Carl MS 1953 Pressure breathing: functional circulatory change in the dog.

Kayne, Herbert Lawrence MS 1958 Oxygen consumption following exercise.

Kayne, Herbert Lawrence PhD 1962 Regulation of oxygen consumption in rat liver slices by pyridine and adenine nucleotides.

Kennedy, John Charles MS 1950 Synopsis of the extrapyramidal system (with emphasis on the basal ganglia)

Kiely, James Patrick MS 1949 Renal function studies and prophylaxis of experimental renal hypertension with renal extracts.

Kiely, Joseph Michael MS 1950 Renal function studies during therapy of experimental hypertension with purified renal extract.

Kilen, Signe Marie PhD 1971 Characteristics of the mechanical response and "active state" of rat cardiac muscle.

Kim, Kwang Suh PhD 1952 Factors influencing cholesterol absorption.

Kim, Kwang Suh MS 1949 Studies on the production of experimental peptic ulcer with cinchophen.

Kim, Mi Ja. PhD 1975 The mechanical function of the canine diaphragm.

King, William John PhD 1979 Investigations concerning the suppression of mammary carcinogenesis in neonatally androgenized rats.

Kisling, Gregory Michael PhD 1989 The effects of cadmium on coronary blood flow

Klatch, Ben Zion MS 1947 The effect of pneumonectomy and of lung extract on experimental renal hypertension.

Klein, Diane Marie PhD 1978 3',5'-Cyclic adenosine monophosphate and R3230AC rat mammary tumor growth.

Klein, Reuben Isadore MS 1931 The effect of various high protein diets on the kidney...

Klopf, Adam Harry PhD 1971 Design and simulation of locally and globally adaptive multilevel networks.

Knox, Francis Stratton PhD 1971 Signal processing by type III (on/off) ganglion cells in the frog's visual system.

Kodema, Robert Maksoto PhD 1967 Characterization and permeability measurements of a suspension of calf thymus thymus particles.

Konhilas, John P. PhD 2001 The molecular mechanisms of length-dependent activation in striated muscle

Kopp, Stephen James PhD 1976 Influence of cadmium on cardiac conduction in mammalian heart.

Kremen, Samuel MS 1953 Treatment of long term experimental renal hypertension in the dog with semipurified hog renin.

Kuperman, Irving MS 1953 Passive immunization therapy with homologous "antirenin" in experimental renal hypertensive dogs.

LaPointe, Michael S. PhD 1988 Proximal tubular function in the denervated kidney

Labow, Julien Alfred MS 1951 Liver and pancreatic respiration in the presence of pituitary and gastro-intestinal hormones.

Ladu, Mary Jo PhD 1991 Characterization and regulation of Lipoprotein lipase

Lahey, Ryan PhD 2014 Long chain fatty acid storage dynamics and nuclear receptor activation in failing hearts

Lambert, Edward H. PhD 1944 The effects of the intracisternal injection of kaolin and the possibility of producing arterial hypertension by this procedure in rats, rabbits and dogs.

Lambert, Edward H. PhD 1938 An analysis of the mode of action of oxygen deficiency and carbon dioxide excess on the blood pressure in dogs.

Lane, Ardelle Catherine PhD 1954 Carcinogenicity of fats "browned" by heating.

Lau, Chantal PhD 1970 Activation of the hypothalamo-hypophyseal-adrenocortical system by the respiratory chemoreceptor.

Law, William Ronald PhD 1985 Effects of naloxone on circulatory and respiratory variables during endotoxin shock in conscious rats.

Lawton, Irene Elizabeth PhD 1966 Timing of LH release in female rats as a function of the environmental light-dark rhythm.

Le, Jamie PhD 2010 Prolactin signaling through the long form of its receptor and its role in ovarian and adipocyte function

Lee, John Martin PhD 1983 Modification of opiate addictive state by neurohypophyseal peptides.

Lesser, Muriel Eunice MS 1937 A comparative study of motor steadiness and motor response to auditory stimulus in normal and spastic children.

Levett, Jeffery PhD 1970 A system approach to the evaluation of the intraretinal electroretinogram of the frog.

Li, Ge. PhD 2001 Functional domains of cardiac troponin I and the molecular mechanisms of myofilament deactivation by acidic pH

Li, Junzhi PhD 1997 Mechanisms of tumor necrosis factor- $\alpha$  inhibition of cAMP-induced Cyp17 gene expression in leydig cells

Lichter, Edward Arthur MS 1951 Alterations in cutaneous capillary function by local ultra-violet irradiation.

Liepins, Kurts Waldemars MS 1959 Relation of histaminase inhibitors to gastric secretion.

Lin, Hun-Lin PhD 1974 A physiological, histological and biochemical study of the pressure and volume hypertrophied rat heart.

Lin, Tsung-Min PhD 1954 Intestinal absorption of cholesterol.

Lin, Tsung-min MS 1952 The dose-response relationship of pancreatic enzyme stimulants.

Lin, Ying-Hsi "Alvin" PhD 2015 Muscle hypertrophy is regulated by acetylation and phosphorylation of the actin capping protein CapZ.

Lipin, Jerome Leonard MS 1950 The role of metabolism in the acclimatization of albino rats to reduced barometric pressure.

Lipton, Delores Cole MS 1975 The effect of estrogen on nucleolar and nucleoplasmic RNA polymerases of the rat uterus.

Littman, Armand PhD 1951 Intra gastric beta radiation in the dog.

Littman, Armand MS 1948 The action of antacids in the human stomach; results with zirconium phosphate.

Liu, Li-ing PhD 1990 The effect of Ethanol on the synthesis and secretion of Vasopressin in rats

Luthin, Gary Richard PhD 1983 Effect of alcohol on the regulation of adenylate cyclase activity in mouse brain.

Ma, Yitao PhD 2005 Regulation of microtubule dynamics in nerve processes

MacFate, Robert P. MS 1929 Urinary proteins; a study of various fractions of globular crystalline proteins from nephritic urine...

Madueke, Ikenna PhD 2013 The roles of canonical Wnt2 and Wnt10b in prostate gland development and prostate cancer progression.

Magee, Donald Francis PhD 1951 The output of bile acids and dietary factors influencing their quantity.



Magee, Winfred Donald PhD 1971 Relation of oxygen tension of proximal tubular urine to sodium reabsorption as evaluated by stop flow analysis.

Magid, Edward Baron MS 1953 The effects of certain growth factors on the gastrectomized white rat.

Magill, Alfred Morton MS 1954 Survival time during exposure to severe hypoxia in the rat treated with adrenocorticotrophic hormone.

Mailman, David Sherwin PhD 1964 Regulation of sodium chloride and water absorption by the intestine.

Malasanos, Lois Julanne PhD 1973 Alterations in adrenocortical secretory rates to changes in cerebral ventricular pH of the anesthetized dog.

Malee, Maureen Patrice PhD 1980 The regulation of aldosterone and corticosterone secretion in fetal and adult rabbits.

Manfredi, Roland Augustine MS 1953 Liver function following dextran induction in hemorrhagic hypotension.

Mansour, Haytham PhD 2004 Mechanism of cardiac remodeling using a three-dimensional culture model

Markel, Raymond Paul MS 1960  $Ca^{2+}$  uptake by stored dog erythrocytes in sodium and potassium chloride solutions.

Marks, Caryl Elizabeth PhD 1977 Comparison of hormonal effects on isolated perfused livers of control, subdiabetic and diabetic rats.

Marshall, John MS 1948 Prophylaxis and therapeusis of experimental renal hypertension with purified renin.

Martin, William Ewart MS 1966 Pressure flow interrelationships in the perfused canine liver.

Martinson, Ida Marie Sather PhD 1972 The everted rat intestine as a model to demonstrate regulation of sodium absorption.

Masek, Gerald Albert PhD 1972 Spatial and temporal transient responses of visual receptive fields.

Mateja, Ryan D. PhD 2012 Determinants of myofilament length dependent activation.

Mavrommatis, Evangelos PhD 2010 The behavior and function of the MGF E-domain, a Splice-Variant of IGF-1

McClintock, James Albertine PhD 1968 Changes in follicle stimulating hormone during the rat estrous cycle.

McCrorey, Henry Lawrence PhD 1963 Relationship of total energy expenditure to force and velocity of contraction at various temperatures in cat skeletal muscle.

McCrorey, Henry Lawrence MS 1959 Cardiac output and blood volume in carotid sinus area hypertension

McCurdy, Daniel T. PhD 1996 Cellular adaptation to inhibition of mitochondrial DNA replication in striated muscle

McLane, Michael Patrick PhD 1986 Hormonal and adrenergic control of fuel regulation during exercise

McLean, Mark Philip PhD 1986 Luteotropic influence of 17[ $\beta$ ]-Estradiol on cholesterol utilization in the rabbit corpus luteum

Meehan, Julia M. PhD 1998 Expression of cardiac isoforms during development and following chronic ethanol consumption

Miller, David Sidney MS 1933 The action of ergosterol and physiologically related agents upon the fragility of erythrocytes in vivo and in vitro.

Millman, Marshall Stuart PhD 1972 Role of oxidized NAD in fluoride-inhibition of active sodium transport.

Mills, John Manierre MS 1959 Ovarian ascorbic acid as an assay of cyclic gonadotrophin release.

Minatoya, Hiroaki MS 1942 The effect of insulin in hypoglycemia on a conditioned reflex in the rat ...

Molnar, Eugen Michael MS 1975 Impedance of the middle ear.

Montgomery, David E. PhD 2001 PKC-mediated phosphorylation and altered primary structure of troponin modulate cardiac myofilament activation

Montminy, Eric M MS 2012 Restoration of signaling pathways in two genetically mutated cardiomyopathy mouse models.

Moon, Pyung-ki. MS 1950 Effect of total gastrectomy on the growth of bone in rats.

Moore, John Beverly MS 1951 Prophylaxis and therapeutics of experimental renal hypertension with crude hog renin.

Moss, Woodrow Glen PhD 1948 The role of the nervous system in experimental renal hypertension.

Motlagh, Delara PhD 2002 Surface topography affects cell shape, microenvironmental remodeling and gene expression in cardiac myocytes

Mouannes, Julie PhD 2013 Troponin I inhibitory region's role in cardiac muscle regulation and troponin structural dynamics.

Mozer, Phillip Israel MS 1951 Local mechanisms involved in the release of pyloric gastrin.

Mrazek, Rudolph George MS 1945 The effect of fatigue on the solubility of muscle myosin ...

Mucciardi, Anthony Nicholas PhD 1970 Property selection techniques and decision making efficiency with applications to electrocardiogram classification

Muhl, Zane Frank PhD 1974 Longitudinal growth and response to change in length of the digastric muscle of the rabbit.

Nabhani, Thomas PhD 2005 Expression and function of calcium channels in skeletal muscle

Nardulli, Beth A. MS 2001 The cAMP regulated transcriptional induction of the CYP 17 gene

Neidinger, Joseph William PhD 1965 Changes in phosphorous-containing fractions of cat brain cortex in vivo during activity.

Nelson, Scott Edward PhD 1991 Characterization of the two luteal cell types of the pregnant rat corpus luteum

Nelson, Tricia L. MS 1997 Role of myogenic regulatory sites in slow nerve dependent regulation of the myosin light chain 2 gene

Nequin, Lynn Georgine PhD 1970 Participation of adrenals in the timing of mating and LH release in the cyclic rat.

Newman, Edward Arthur MS 1948 The effect of diet on liver regeneration in partially hepatectomized rats.

Nimitvilai, Sudarat PhD 2011 Mechanisms underlying biphasic effects of dopamine on dopaminergic ventral tegmental area neurons

Nirdlinger, Edwin Lars PhD 1971 Metabolic changes and subcellular ionic shifts in the course of experimental cardiopathy of the rat.

Northrup, David Wilmarth PhD 1935 The secretory metabolism of the salivary glands.

Novotney, Robert Louis PhD 1976 Non-invasive determination of the human brachial arterial pressure wave contour.

Nudelman, Harvey Banet PhD 1971 Modulation of primary spindle afferents from the region of the red nucleus.

Nuzzo, Nancy Ann PhD 1986 The role of acrosin in the fertilization process

Oh, Ji-Eun PhD 2005 Structural and mechanistic view of signaling between 2 gtpases : heterotrimeric g protein and tubulin

Ohler, Edwin Allen PhD 1951 Amines in experimental hypertensions.

Olander, George MS 1942 The prophylactic effect of active hog, active dog, and heat-inactivated hog renin in experimental renal hypertension.

Olson, Ralph Arthur MS 1954 Afferent projections of the vagus nerve.

Ongvarrasopone, Chalernporn PhD 1999 Transcriptional regulation of cytochrome c oxidase subunit viii by contractile activity and development

Orman, Steven S. PhD 1979 Effects of corticogeniculate fibers on the rate and pattern of medial geniculate discharges.

Palmiter, Kimberly A. PhD 1996 The effect of tropomyosin and troponin I isoform switching on cardiac myofilament activation

Pan, Wilbur James PhD 1995 The effects of adenosine on the electrophysiological properties of locus coeruleus neurons

Parry, Thomas Edward MS 1969 Pyridine nucleotide concentrations in human erythrocytes in different metabolic states.

Patras, Mary Cornelia MS 1939 The influence of thyroid feeding on the skull pattern of thyroparathyroidectomized rats.

Patrick, Stacey Elizabeth MS 2009 Effects of the Ala2val mutation of human cardiac troponin I on myofibrillar regulation

Patton, Matthew Moss MS 1947 A study of acid base balance in nephrectomized animals.

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