Appendix

Publications supported by first-round PMERP grants, arranged by Principal Investigator alphabetically. Abstracts may be found at the National Library of Medicine,


Adkinson

Adult asthma severity in individuals with a history of childhood asthma.

Anderson

Anderson SE, Kirkland DM, Beyschau A, Cala PM.
Acute effects of 17beta-estradiol on myocardial pH, Na+, and Ca2+ and ischemia-reperfusion injury.

Ballinger

Prenatal environmental tobacco smoke exposure promotes adult atherogenesis and mitochondrial damage in apolipoprotein E-/- mice fed a chow diet.

Bleau *

Sergerie M, Bleau G, Teule R, Daudin M, Bujan L.
[Sperm DNA integrity as diagnosis and prognosis element of male fertility] [in French]
Gynecol Obstet Fertil 2005;33:89-101

Castagnoli *


Cooke-1

Jacobi J, Jang JJ, Sundram U, Dayoub H, Fajardo LF, Cooke JP.

Cooke-2


Cooke-3


Cooke-4


Domino


Ellison *


Flagan


Fox

Harley WM, Kozar MP, Fox A. Trace analysis of muramic acid in indoor air using an automated derivatization instrument and GC-MS(2) or GC-MS(3). J Microbiol Methods 2002;51:95-104.
Horohov

Exposure of adult mice to environmental tobacco smoke fails to enhance the immune response to inhaled antigen. Inhal Toxicol 2005;17:43-51.

Last-1

Kenyon NJ, Ward RW, Last JA.

Last-2

Kenyon NJ, Ward RW, McGrew G, Last JA.

Lee


Lehrer

Lehrer SB, Reish R, Fernandes J, Gaudry P, Dai G, Reese G.

Levin-1

Rezvani AH, Levin ED.

Levin-2

Levin ED, Sledge D, Baruah A, Addy NA.
Levin-3


Levin-4


Lin-1


Lin-2


Modiano


Moschandreas-1


Moschandreas-2 *

O'Donnell-1

**O'Donnell ME, Tran L, Lam TI, Liu XB, Anderson SE.**

O'Donnell-2

**O'Donnell ME, Duong V, Suvatne J, Foroutan S, Johnson DM.**
Arginine Vasopressin Stimulation of Cerebral Microvascular Endothelial Cell Na-K-Cl Cotransporter Activity is V1 Receptor- and [Ca]-Dependent.

Phipps-1

**Martey CA, Baglole CJ, Gasiewicz TA, Sime PJ, Phipps RP.**
The aryl hydrocarbon receptor is a regulator of cigarette smoke induction of the cyclooxygenase and prostaglandin pathways in human lung fibroblasts.

Phipps-2

**Martey CA, Pollock SJ, Turner CK, O'Reilly KM, Baglole CJ, Phipps RP, Sime PJ.**

Poon-1

**Chow JP, Siu WY, Ho HT, Ma KH, Ho CC, Poon RY.**
Differential contribution of inhibitory phosphorylation of CDC2 and CDK2 for unperturbed cell cycle control and DNA integrity checkpoints.

Poon-2

**Yam CH, Fung TK, Poon RY.**

Poon-3

**Woo RA, Poon RY.**
Cyclin-dependent kinases and S phase control in mammalian cells.
Fung TK, Siu WY, Yam CH, Lau A, Poon RY.


Tsang FC, Po LS, Leung KM, Lau A, Siu WY, Poon RY.

Siu WY, Lau A, Arooz T, Chow JP, Ho HT, Poon RY.

Leung KM, Po LS, Tsang FC, Siu WY, Lau A, Ho HT, Poon RY.

Wei YD, Tepperman K, Huang MY, Sartor MA, Puga A.
Chromium inhibits transcription from polycyclic aromatic hydrocarbon-inducible promoters by blocking the release of histone deacetylase and preventing the binding of p300 to chromatin. J Biol Chem 2004;279:4110-9.

Different global gene expression profiles in benzo[a]pyrene- and dioxin-treated vascular smooth muscle cells of AHR-knockout and wild-type mice.
Robinson

Robinson RJ.

Rosecrans

Philibin SD, Vann RE, Varvel SA, Covington HE 3rd, Rosecrans JA, James JR, Robinson SE.

Sabban-1

Zia MT, Nankova BB, Krishnan K, Gueorguiev VD, Frenz CM, Sabban EL, La Gamma EF.

Sabban-2

Serova L, Sabban EL.

Sabban-3

Sabban EL, Gueorguiev VD.

Sabban-4

Gueorguiev VD, Frenz CM, Ronald KM, Sabban EL.

Sarkar *

Bao H, Vepakomma M, Sarkar MA.
Schmitz

**Wirtz M, Stach D, Kliem HC, Wiessler M, Schmitz OJ.**

Sikka

**Mukherjee JJ, Gupta SK, Kumar S, Sikka HC.**

Simon-1

**Katz DB, Simon SA, Nicolelis MA.**

Simon-2


Simon-3

**Liu L, Simon SA.**

Slotkin-1

**Abreu-Villaca Y, Seidler FJ, Qiao D, Slotkin TA.**

Slotkin-2

**Slotkin TA, Southard MC, Adam SJ, Cousins MM, Seidler FJ.**
Abreu-Villaca Y, Seidler FJ, Tate CA, Slotkin TA.

Abreu-Villaca Y, Seidler FJ, Slotkin TA.

Slotkin TA, Seidler FJ, Qiao D, Aldridge JE, Tate CA, Cousins MM, Proskocil BJ, Sekhon HS, Clark JA, Lupo SL, Spindel ER.
Effects of prenatal nicotine exposure on primate brain development and attempted amelioration with supplemental choline or vitamin C: neurotransmitter receptors, cell signaling and cell development biomarkers in fetal brain regions of rhesus monkeys. Neuropsychopharmacology 2005;30:129-44.

Abreu-Villaca Y, Seidler FJ, Qiao D, Tate CA, Cousins MM, Thillai I, Slotkin TA.

Xu Z, Seidler FJ, Cousins MM, Slikker W Jr, Slotkin TA.

Xu Z, Seidler FJ, Ali SF, Slikker W Jr, Slotkin TA.
Fetal and adolescent nicotine administration: effects on CNS serotonergic systems. Brain Res 2001;914:166-78.

Qiao D, Seidler FJ, Violin JD, Slotkin TA.

Slotkin-10

**Slotkin TA, Cousins MM, Seidler FJ.**
Administration of nicotine to adolescent rats evokes regionally selective upregulation of CNS alpha 7 nicotinic acetylcholine receptors. Brain Res 2004;1030:159-63.

Slotkin-11

**Abreu-Villaca Y, Seidler FJ, Slotkin TA.**

Slotkin-12

**Abreu-Villaca Y, Seidler FJ, Tate CA, Cousins MM, Slotkin TA.**
Prenatal nicotine exposure alters the response to nicotine administration in adolescence: effects on cholinergic systems during exposure and withdrawal. Neuropsychopharmacology 2004;29:879-90.

Slotkin-13

**Slotkin TA.**

Stringer

**Dunn JS, Freed BM, Gustafson DL, Stringer KA.**

Sumikawa

**Yamazaki Y, Hamaue N, Sumikawa K.**

Talbot-1 *

**Melkonian G, Cheung L, Marr R, Tong C, Talbot P.**

Talbot-2 *


Toborek-1

Garrido R, King-Pospisil K, Son KW, Hennig B, Toborek M.

Toborek-2

Garrido R, Springer JE, Hennig B, Toborek M.

Toborek-3


Toborek-4

Ravikumar R, Fugaccia I, Scheff SW, Geddes JW, Srinivasan C, Toborek M.

Vizi-1

Mandl P, Kiss JP, Vizi ES.

Vizi-2

Vizi ES, Palkovits M, Lendvai B, Baranyi M, Kovacs KJ, Zelles T.
Distinct temperature-dependent dopamine-releasing effect of drugs of abuse in the

Vogel-1

Marshall CE, Dadmarz M, Hofford JM, Gottheil E, Vogel WH.

Vogel-2

Dadmarz M, Vogel WH.

Note: Although T. Slotkin ostensibly withdrew from the PMERP grant after three months due to a overlapping NIH grant, he still received research support from PM five months later. (See Slotkin T, Means AR. Letter. 5 July 2001. Bates no. 2085534017. http://legacy.library.ucsf.edu/tid/gju10c00 and Izak R. Letter. 5 March 2002. Bates no. 2085534117. http://legacy.library.ucsf.edu/tid/zhu10c00. ) The articles co-authored by Slotkin credit a Philip Morris grant and fellowship, either both or singly, including one with Slotkin as sole author.

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