

Zenhausern,R., Hansen, K. and **Sobrian, S. K.**: Order effects in the perception of two trapezoid illusions. *Perceptual and Motor Skills*, 1970, **31** : 355-366.

Brosgole, L., **Sobrian, S.K.**, and Contino, A.F.: Out of the frying pan into the goal box. *Behavioral Research Methods*, 1972, **4**: 147-148.

Pappas, B.S. and **Sobrian, S.K.**: Neonatal sympathectomy by 6-hydroxydopamine in the rat: No effect on behavior but changes in endogenous brain norepinephrine. *Life Science*, 1972, **11**: Part I, 653-659.

Sobrian, S.K., Weltman, M. and Pappas, B.A.: Neonatal locomotor and long-term behavioral effects of d-amphetamine in the rat: *Developmental Psychobiology*, 1975, **8**: 241-250.

Sobrian, S.K.: Prenatal and neonatal morphine in the rat: Behavioral and neurochemical effects. *RODA Summer Scholarships Proceedings*, 1974, **133**: 6-8.

Pappas, B.A., Peters, D.A.V., **Sobrian, S.K.**, Blouin, A. and Drew, D.: Early behavioral and catecholaminergic effects of 6-hydroxydopamine and guanethidine in the neonatal rat. *Pharmacology, Biochemistry and Behavior*, 1975, **3**: 681-685.

Sobrian, S.K., Pappas, B.A., Edson, N., Rastogi, R. and Singhal, R.L.: Alterations in behavioral ontogeny following neonatal radiothyroidectomy in the rat. *Research Communications in Psychology, Psychiatry and Behavior*, 1976, **1**: 419-434.

Sobrian, S.K.: Prenatal stress: Effects on behavioral, biochemical and somatic ontogeny. *Developmental Psychobiology*, 1977, **10**: 41-51.

Cornwell-Jones, C. and **Sobrian, S.K.**: Development of odor guided behavior in Wistar and Sprague-Dawley rat pups. *Physiology and Behavior*, 1977, **19**: 685-688.

Sobrian, S.K.: Prenatal morphine administration alters behavioral development in the rat. *Pharmacology, Biochemistry and Behavior*, 1977, **7**: 285-288.

Sobrian, S.K. and Cornwell-Jones, C.: Neonatal 6-hydroxydopamine alters olfactory development. *Behavioral Biology*, 1977, **21**: 329-340.

Kostrzewa, R.N., Kastin, A.J. and Sobrian, S.K.: Potentiation of apomorphine action in rats by L-prolyl-L-leucyl-glycine amide. *Pharmacology, Biochemistry and Behavior*, 1978, **9**: 375-378.

Marasco, E., Cornwell-Jones, C. and **Sobrian, S.K.**: 6-hydroxydopamine reduces preferences for nonspecific but not other familiar odors in rat pups. *Pharmacology, Biochemistry and Behavior*, 1979, **10**: 319-323.

Sobrian, S.K. and Nandedkar, A.K.N.: Prenatal antiepileptic drug exposure alters seizure susceptibility in rats. *Pharmacology, Biochemistry and Behavior*, 1986, **24**: 1383-1391.

Sobrian, S.K., D.L. Tuck and C.L. Brown: Convulsant action of clonazepam in developing rats. *The Pharmacologist*, 1986, **28**: 126.

Sobrian, S.K., B.M. Markovic, M. Lazarevic, V.T. Djuric, and B.D. Jankovic: Neonatal stress and immune function: Protective effect of the maternal presence. *Neuroendocrinology Letters*, 1987, **9**: 195.

Sobrian, S.K., B.M. Markovic, M. Lazarevic, V.T. Djuric, and B.D. Jankovic: Parameters influencing the effects of sound stress on immune function. *Journal of Neuroimmunology*, 1987, **16** (1): 164.

Djuric, V.J., B.M. Markovic, M. Lazarevic, **S.K. Sobrian** and B.D. Jankovic: Manifestations of repeated anaphylactic shock are context-specific. *Neuroendocrinology Letters*, 1987, **9**: 215.

Sobrian, S.K., N.L. Robinson, L.E. Burton, H. James, L.M. Turner and D.L. Stokes: Neurobehavioral effect of prenatal cocaine exposure. *Annals of New York Academy of Science*, 1989, **52**: 383-386.

Sobrian, S.K., L.E. Burton, N.L. Robinson, W.K. Ashe, H. James, D.L. Stokes and L.M. Turner: Neurobehavioral and immunological effects of prenatal cocaine exposure in rat. *Pharmacology, Biochemistry and Behavior*, 1990, **35**:617-629.

Sobrian, S.K. and Pappas, B.A.: Advantages and disadvantages of longitudinal assessment of offspring. *Congenital Anomalies*, 1992, **31**: 41-50.

Sobrian, S.K., Vaughn, V.T., Bloch, E.F. and Burton, L.E.: Influence of prenatal maternal stress on the immunocompetence of the offspring. *Pharmacology, Biochemistry and Behavior*, 1992, **43**: 537-547.

Sobrian, S.K., Ali, S.F., Slikker Jr., W. and Holson, R.R.: Interactive effects of prenatal cocaine and nicotine exposure on maternal toxicity, postnatal development and behavior in the rat. *Molecular Neurobiology*, 1995, **16**: 121-143.

Sobrian, S.K., Vaughn, V.T., Ashe, W.K., Markovic, B., Djuric, V., and Jankovic, B.D.: Gestational exposure to loud noise alters the development and postnatal responsiveness of humoral and cellular components of the immune system in the offspring. *Environmental Research*, 1997, **3**: 227-241.

Sobrian, S.K., Jones B.L., Varghese, S. and Holson, R.R.: Behavioral response profiles following drug challenge with dopamine receptor subtype agonists and antagonists in developing rats. *Neurotoxicology and Teratology*, 2003, **25**: 311-328.

Sobrian, S.K., Marr, L. and Ressman, K.: Prenatal cocaine and/or nicotine exposure produces depression and anxiety in aging rats. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 2003, **27**: 501-518.

Sobrian, S.K., Jones B.L., James, H., Kamara, F.N, and Holson, R.R.: Prenatal Ethanol Preferentially Enhances Reactivity of the Dopamine D₁ but not D₂ or D₃ Receptors in Offspring. *Neurotoxicology and Teratology*, 2005, **27**: 73-93.

Haddad, G. E., Scheer, A., Clarke, E. Jr, Arguinzoni, J.K., **Sobrian, S.K.**: Prenatal cocaine alone and combined with nicotine alters ANG II and IGF-1 induced left atrial contractions in aging male offspring. *Can J Physiol Pharmacol.* 2005, **83**:957-65.

Raffaele, KC., Fisher, E. Hancock, S., Hazelden, K.P., and **Sobrian, S.K.**. Determining normal variability in a developmental neurotoxicity test: a report from the ILSI Research Foundation/Risk Science Institute expert working group on neurodevelopmental endpoints. *Neurotoxicology and Teratology*, 2008, **30**:288-325. Epub 2008 Jan 7. (Review)

Sobrian, S.K., Johnston, M.., Wright, J., Kuhn, D., and Ameis, K. Prenatal nicotine and or cocaine differentially alters nicotine-induced sensitization in aging offspring. *Ann. NY Acad. Sci.*, 2008, **1139**: 466-477.

Ameis, K., Kanaanm Y.M., Das, J.R., George, M.. Jr., and **Sobrian, S.K.**. Effects of manual acupuncture-induced injury on rat skeletal muscle. *Med. Acupunct.*, 2008, **4**: 225-230.

Sobrian SK, Johnston M, Wright J, Kuhn D, Ameis K. Prenatal nicotine and/or cocaine differentially alters nicotine-induced sensitization in aging offspring. *Ann N Y Acad Sci.* 2008,**1139**:466-77.

Sobrian SK, Holson RR. Social behavior of offspring following prenatal cocaine exposure in rodents: a comparison with prenatal alcohol. *Front Psychiatry*. 2011, **2**:1-17. Epub 2011 Nov 30 (Invited Review)

Sobrian, S.K., Holson, R.R. Effects of pre-and neonatal nicotine exposure in rodents: inconsistent evidence. *ILAR Journal*, 2011, **52**: 251-294. (Invited Review)

Sobrian, S.K. and Walters, E. Enhanced satellite cell activity in aging skeletal muscle after manual acupuncture-induced injury. *Chin Med.*, 2014, **5**: http://dx.doi.org/10.4236/***.2014.****

Sandberg, K., Umans, J.G., and Georgetown Consensus Conference Working Group (**Sobrian, S.K.**). Recommendations concerning the new U.S. National Institutes of Health initiative to balance sex of cells and animals in preclinical research. *FASEB J.*, Feb. 20, 2015. Doi:10.1096/fj.14-269548.

Sobrian, S. K. Developmental cannabinoid exposure: New perspectives on outcomes and mechanisms. *Neurotoxicol Teratol.* 2016 Nov - Dec; **58**:1-4. doi: 10.1016/j.ntt.2016.10.010. Epub 2016 Oct 27.

David Hessl, Hilary Rosselot, Robert Miller, Glenda Espinal, Jessica Famula, Stephanie L Sherman, Peter K Todd, Ana Maria Cabal Herrera , Karen Lipworth, Jonathan Cohen, Deborah A Hall, Maureen Leehey, Jim Grigsby, Jayne Dixon Weber, Sundus Alusi, Anne Wheeler, Melissa Raspa, Tamaro Hudson, **Sonya K Sobrian**. The International Fragile X Premutation Registry: building a resource for research and clinical trial readiness. *J. Med. Genetic.*, 2022. ;0:1–6. doi:10.1136/jmedgenet-2022-108568

Barbara L. F. Kaplan, Alan M. Hoberman, William Slikker Jr, Mary Alice Smith, Emanuela Corsini, Thomas B. Knudsen, M. Sue Marty, **Sonya K. Sobrian**, Suzanne C. Fitzpatrick, Marcia H. Ratner, and Donna L Mendrick. The Road to NAMs: From Animal Models to New Approach Methods for Protecting Human and Animal Health. In Review, *Pharmacological Reviews*, July, 2023.

Sobrian, Sonya K., Nailah S. Adams. Chronic Cocaine and/or Stress Exposure in Adolescents and Adults Differentially Alters the Long-term Consequences of Cocaine-induced Reward and Psychomotor Stimulation. In preparation, 2023.

Sobrian, Sonya K., Shannan White Lalla M. Mahama and Sheree M. Johnson. Cocaine-induced Sensitization in Aging Female Mice: Relationship Between Dissociated Behavioral Augmentation and Increased Atypical c-Fos Expression. In preparation, 2023.

Abstracts:

Sobrian, S.K. and Pappas, B.A.: Neonatal locomotor and long term behavioral and biochemical effects of neonatal administration of d-amphetamine in the rat. Canadian Psychological Association, B.C., 1973.

Pappas, B.A., Peters, D.A.V., Saari, M. and **Sobrian, S.K.**: Neonatal 6-hydroxydopamine sympathectomy in normotensive and spontaneously hypertensive rats. Canadian Federation of Biological Societies, Saskatoon, Sask., 1973.

Pappas, B.A., Blouin, A. and **Sobrian, S.K.**: Neonatal 6-hydroxydopamine and guanethidine sympathectomy: Neurochemical and behavioral effects in the rat. Eastern Psychological Association, Philadelphia, PA, 1974.

Sobrian, S.K., Edson, N., Singhal, R.L. and Pappas, B.A.: Alterations in behavioral ontogeny following neonatal radiothyroidectomy in the rat. The Society for Neuroscience, New York, NY, 1975.

Sobrian, S.K. and Cornwell-Jones, C.: Specificity in olfactory development: Pharmacological evidence. The Society for Neuroscience, Toronto, Ontario, 1976.

Cornwell-Jones, C. and **Sobrian, S.K.**: Specificity in olfactory development: Behavioral evidence. The Society for Neuroscience, Toronto, 1976.

Sobrian, S.K., Marasco, E. and Cornwell-Jones, C.: Neonatal 6-hydroxydopamine alters specific olfactory preferences and brain catecholamine content in rats. The Society for Neuroscience, Anaheim, California, 1977.

Kostrzewska, R.L., Kastin, A.J. and **Sobrian, S.K.**: Studies on the activity of a naturally-occurring tripeptide, L-prolyl-L-leucyl-glycine amide. Federation of the American Society for Experimental Biology, Atlantic City, NJ, 1978.

Kostrzewska, R.L., **Sobrian, S.K.**, Fukushima, H. and Kastin, A.J.: Actions of L-prolyl-L-leucyl-glycine amide on striatal enzyme activities. Huntington Disease Symposium, San

Diego, California, 1978.

Sobrian, S.K., Rogers, M.A. and Campbell, B.A.: Monoamine involvement in the development of the post-decapitation reflex in rats. Society for Neuroscience, St. Louis, MO, 1978.

Sobrian, S.K.: Morphine-induced alterations in 6-hydroxydopamine changes in developing brain. Federation of the American Societies for Experimental Biology, Anaheim, CA, 1980.

Sobrian, S.K.: Intraventricular neonatal 6-OHDA: Effects on the ontogeny of spontaneous motor activity as a function of environmental cues. Society for Neuroscience, Los Angeles, CA, 1981.

Sobrian, S.K.: Involvement of alpha-adrenergic receptors in the post-decapitation reflex. Federation of American Societies for Experimental Biology, New Orleans, LA, 1982.

Sobrian, S.K. and Armstrong, K.E.: Prenatal stress effect revisited: Pituitary-adrenal mediation. Society for Neuroscience, Minneapolis, MN, 1982.

Sobrian, S.K.: Neonatal 6-hydroxydopamine: Effects on brain development and the ontogeny motor activity. International Society for Developmental Neuroscience, Patras, Greece, 1982.

Sobrian, S.K., Nandedkar, A.K.N. and Perry, L.: Prenatal antiepileptic exposure and seizure susceptibility in offspring. Federation of American Societies for Experimental Biology, Chicago, IL, 1983.

Sobrian, S.K. and King, W.: Serotonergic substrates of hyperactivity in rat. Society for Neuroscience, Boston, MA, 1983.

Sobrian, S.K. : Vulnerable populations in human research: The elderly. The Mid-Atlantic Regional IRB Workshop, Washington, D.C., 1984.

Sobrian, S.K.: Statistical techniques for maintaining confidentiality of questionnaire data. The Mid-Atlantic Regional IRB Workshop, Washington, D.C., 1984.

Sobrian, S.K., Vaughn, V.T. and Bloch, E.F.: Influence of prenatal maternal stress on the maturation of components of the immune response in rats. Society for Neuroscience, Anaheim, CA, 1984.

Sobrian, S.K., Bloch, E.F. and Vaughn, V.T.: Effects of chemical sympathectomy on total and specific IgG production. American Society for Pharmacology and Experimental Therapeutics, Indianapolis, IN, 1984.

Sobrian, S.K.: Vulnerable populations in human research: The elderly. The Mid-Atlantic Regional IRB Workshop, Washington, D.C., 1984.

Sobrian, S.K.: Statistical techniques for maintaining confidentiality of questionnaire data. The Mid-Atlantic Regional IRB Workshop, Washington, D.C., 1984.

Sobrian, S.K., Vaughn, V.T., Willis, R., Heath, K.A. and Bloch, E.F.: Stress and the immune response in chemically sympathectomized rats. Federation of the American Societies for Experimental Biology, Anaheim, CA, 1985.

Sobrian, S.K., Vaughn, V.T., L. Crane, and Bloch, E.F.: The development of humoral and cellular immune components following exposure to prenatal maternal sound stress. Society for Neuroscience, Dallas, Texas, 1985.

Sobrian, S.K., Vaughn, V.T., Ashe, W.K.: The effects of prenatal maternal sound stress exposure on the humoral response to herpes simplex virus, type I. European Brain and Behavior Society, Oxford, England, 1985.

Sobrian , S.K., C.L. Brown, D.L. Tuck and H. James: Prenatal phenobarbital exposure and the development of PTZ-induced seizure in rats. Society for Neuroscience Abstracts, 1986, 12: 1558.

Sobrian, S.K., C.L. Brown, and D.L. Tuck: Convulsant action of benzodiazepines in developing rats: Receptor mechanisms. Second World Congress of Neuroscience, Budapest, Hungary, 1987.

Sobrian, S.K., B.M. Markovic, V.J. Djuric, M. Lazarevic, B.D. Jankovic: Parameters influencing the effects of sound stress on immune function. Second International Congress on Neuroimmunomodulation, Philadelphia, PA, 1987.

B.M. Markovic, V.J. Djuric, M. Lazarevic, **S.K. Sobrian**, and B.D. Jankovic: Two conditional paradigms to study CNS immune system interaction. Second International Congress on Neuroimmunomodulation, Philadelphia, PA, 1987.

Sobrian, S.K., B.M. Markovic, V.J. Djuric, M. Lazarevic and B.D. Jankovic: Effects of temporal ordering sound stress on inflammatory and immune responses. Eighth European Immunology Meeting, Zagreb, Yugoslavia, 1987.

M. Lazarevic, **S.K. Sobrian**, B.M. Markovic, V.J. Djuric, and B.D. Jankovic.: Immune responses in neonatally sound-stress rats: Modulation by presence of the mother. Eighth European Immunology Meeting, Zagreb, Yugoslavia, 1987.

V.J. Djuric, B.M. Markovic M. Lazarevic, **S.K. Sobrian** and B.D. Jankovic: Conditioned antigen-anticipatory response in rats subjected to anaphylactic shock. Eighth European Immunology Meeting, Zagreb, Yugoslavia, 1987.

Sobrian, S.K., B.M. Markovic M. Lazarevic, and B.D. Jankovic: Alterations in immune function following prenatal sound stress. Federation of the American Society for Experimental Biology, Las Vegas, NV, 1988.

Sobrian, S.K., B.M. Markovic, M. Lazarevic, V. Djuric and B.D. Jankovic: Stress-induced enhancement of experimental autoimmune encephalitis (EAE). FASEB Summer Research Conference: Neuroimmunomodulation, Copper Mountain, Colorado, 1988.

Sobrian, S.K., N.L. Robinson, L.E. Burton, H. James, L.M. Turner and D.L. Stokes: Neurobehavioral effects of prenatal cocaine exposure. New York Academy of Science

Conference: Prenatal Abuse of Licit and Illicit Drugs, Bethesda, MD, 1988.

Sobrian, S.K., L.E. Burton, N.L. Robinson, H. James, L.M. Turner and W.K. Ashe: Neurobehavioral and immunological effects of prenatal cocaine exposure. Society for Neuroscience, Toronto, Canada, 1988.

Sobrian, S.K., N.L. Robinson, L.E. Burton, H. James, A.K.N. Nandedkar: Prenatal valproate (VPA) alters cocaine toxicity in rats. Federation of the American Societies for Experimental Biology, New Orleans, LA, 1989.

Sobrian, S.K., N.L. Robinson, L.E. Burton, H. James, A.K.N. Nandedkar: Pre-and postnatal valproic acid (VPA) alters cocaine-induced fatalities in rats. Fourth International World Conference on Clinical Pharmacology and Therapeutics, Mannheim, Germany, 1989.

M. Lazarevic, **S.K. Sobrian**, V.J. Djuric, B.M. Markovic and B.D. Jankovic: Mother-offspring interaction: Effect of stress on experimental allergic encephalomyelitis. Seventh International Congress of Immunology, West Berlin, Germany, 1989.

V.J. Djuric, **S.K. Sobrian**, M. Lazarevic: The effects of prenatal, early postnatal and adult round stress on immune response in the rat. Seventh International Congress of Immunology, West Berlin, Germany, 1989.

Sobrian, S.K., N.K. Robinson, L.E. Burton, H. James, and A.K.N. Nandedkar: Cocaine toxicity after pre-and post-natal valproic acid (VPA) exposure. Society for Neuroscience Abstracts, 1989, 15: 252.

Sobrian, S.K., N.L. Robinson, and L.E. Burton: Prenatal valproic acid (VPA): neurobehavioral and PTZ-induced seizure development. Neurobehavioral Teratology, Victoria, B.C., Canada, 1990.

Sobrian, S.K., L.E. Burton, N.L. Robinson and K.L. Hodge: Prenatal valproic acid exposure alters adult seizure and antidepressant susceptibility in rats. Federation of American Societies for Experimental Biology, Atlanta, GA, 1991.

Sobrian, S.K. Advantages and disadvantages in longitudinal assessment of offspring function. Teratology, Boca Raton, FL, 1991.

Sobrian, S.K., N.L. Robinson and L.E. Burton: Anticonvulsant efficacy of calcium antagonist against chemically-induced seizures in developing rats. Society for Neuroscience, New Orleans, LA, 1991.

Sobrian, S.K., Lazarevic, M., Markovic, B.M. and Jankovic, B.D.: Stress-induced alterations in the transfer of protection against experimental allergic encephalomyelitis (EAE) from mother to offspring. Neurobehavioral Teratology, Boca Raton, FL, 1992.

Sobrian, S.K., M. Lazarevic, B.M. Markovic, V.J. Djuric and B.D. Jankovic: Modulation of immune response in neonatally stressed rats by the maternal presence. Society for Neuroscience, Anaheim, CA, 1992.

S.K. Sobrian, K. Hodge, J. LaBorde, H. Duhart, K. Atkins, P. Sullivan-Jones and R.R.

Holson: Evaluation of the interactive effects of prenatal cocaine and nicotine exposure: Dose-finding study. Teratology, Tuscon, AZ, 1993.

S.K. Sobrian, K. Hodge, P. Webb, F. Racey, S. Ali, W. Slikker, Jr., and R.R. Holson: Evaluation of the interactive effects of prenatal cocaine and nicotine exposure: Offspring behavioral effects. Neurobehavioral Teratology Society, Tuscon, AZ, 1993.

S.K. Sobrian, S.F. Ali, W. Slikker, Jr., and R.R. Holson: Interactive effects of prenatal cocaine and nicotine exposure on maternal toxicity, postnatal development, and behavior in the rat. International Society for Neurochemistry Satellite Meeting: Cellular and Molecular Mechanisms of Drugs of Abuse: Cocaine and Methamphetamine, Nice, France, 1993.

S.K. Sobrian, K. Hodge, P. Webb, F. Racey, S. Ali, W. Slikker, Jr., and R.R. Holson: Interactive effects of prenatal cocaine and nicotine exposure on postnatal development and behavior in the offspring. Society for Neuroscience, Washington, DC, 1993.

Sobrian, S.K. Prenatal sound stress and the development of immune responses. Neurobehavioral Teratology Society, San Juan, PR, 1994.

Sobrian, S.K. Loud noise: A developmental immunotoxicant. Fifth International Symposium on Neurobehavioral Methods and Effects in Occupational and Environmental Health, Cairo, Egypt, 1994.

Sobrian, S.K. Impact of proposed federal budget cuts on research funding. Neurobehavioral Teratology Society, Newport Beach, CA, 1995.

Sobrian, S.K. Prenatal cocaine: Prelude to aggression. Violence and Aggression: The Neurochemical Basis?, Nashville, TN, 1995.

Sobrian, S.K. Lessons from behavioral teratology. Animal Models of Mental Retardation, Bethesda, MD, 1995.

Sobrian, S.K. The neurobehavioral consequences of prenatal exposure to cigarette smoke and nicotine. International Symposium on Nicotine and Human Performance, Washington, DC, 1996.

Sobrian, S.K. The neurobehavioral consequences of prenatal exposure to cigarette smoke and nicotine: comparison of clinical and experimental outcomes. Second International Conference on Drug Abuse: Bio-Psycho-Social Perspectives, Shatin, N.T., Hong Kong, 1997.

Sobrian, S.K., Robinson, N.L., and Burton, L.E. Anticonvulsant efficacy of calcium channel antagonists against chemically-induced seizures in developing rat. Neuroscience Symposium and Research Centers in Minority Institutions National Program Directors Meeting. Tallahassee, Fl., 1997.

Sobrian, S.K. Immunological consequences of prenatal exposure to loud noise. Central American Commission on the Environment, Panama City, Panama, 1997.

Sobrian, S.K., B.L. Jones, S. Varghese and R.R. Holson. Alterations in dopamine D₁

and D₂ receptor sensitivity following prenatal ethanol exposure. Research Society on Alcoholism, Santa Barbara, CA, 1999.

Sobrian, S.K., B.L. Jones, S. Varghese and R.R. Holson. Prenatal ethanol enhances sensitivity of dopamine D₃ receptors. Research Society on Alcoholism, Santa Barbara, CA, 1999.

Sobrian, S.K., B.L. Jones and S. Varghese. Prenatal maternal stress as a model of depression: II. Porsolt swim test. Neurobehavioral Teratology Society, Keystone, CO, 1999.

Sobrian, S.K., B.L. Jones and S. Varghese. Profile analyses of dopamine receptor subtypes following prenatal ethanol exposure. Gordon Conference on Catecholamines, Oxford, England, August, 1999.

Sobrian, S.K., S. Varghese, B.L. Jones, W.K. Ashe and N. Morrell. Prenatal sound stress (PSS): Effects on somatic and immunological responses to stress. Society for Neuroscience, Miami, FL, 1999.

Edwards, E.E., B.L. Jones, S. Varghese and **S.K. Sobrian**. Prenatal sound stress and depression in female offspring. Society for Neuroscience, Miami, FL, 1999.

Sobrian, S.K., N. Harris, E. Clark and N. Morrell. Prenatal stress: A factor in the etiology of depression. Society for Neuroscience, New Orleans, LA, 2000.

Sobrian, S. K., S. Varghese, and B.L. Jones. Prenatal stress: Influences on emotionality and immune function in offspring. International Behavioral Neuroscience Society, Cancun, Mexico, 2001.

Sobrian, S. K. Prenatal maternal sound stress as a model of depression in the offspring. Neurobehavioral Teratology Society, Montreal, Canada, 2001.

Sobrian, S.K., L. Marr, T.J. Jones, and K. Ressman. Combined prenatal cocaine and nicotine exposure produces depression and anxiety in elderly rats. Society for Neuroscience, San Diego, CA, 2001.

Holson, R.R., B. L. Jones, S. Varghese, and **S. K. Sobrian**. Behavioral effects of dopamine receptor agonists and antagonists in a drug challenge paradigm. Society for Neuroscience, San Diego, CA, 2001.

Sobrian, S.K., L. Marr, K. Ressman, and A. Moon. Prenatal cocaine and/or nicotine exposure and conditioned place preference in elderly rats. Neurobehavioral Teratology Society, Tucson, AR, 2002.

Sobrian, S. K., K. Ressman, L. Marr and C.C. Freeman. Effects of prenatal cocaine and/or nicotine on indices of mental illness in elderly rats. International Behavioral Neuroscience Society, Capri, Italy, 2002.

Sobrian, S.K., K. Ressman and L. Marr. Prenatal cocaine and/or nicotine exposure and conditioned avoidance response in aging rats. Society for Neuroscience, Orlando, FL, 2002.

Sobrian, S.K., L. Marr and K. Ressman. Effects of age and prenatal cocaine and/or nicotine exposure on cocaine-induced conditioned place preference. Neurobehavioral Teratology Society, Philadelphia, PA, 2003.

Sobrian, S.K., Clark, E. Jr., Arguinzoni, J.K., and Norwood, T. Prenatal cocaine and/or nicotine exposure fails to disrupt non-spatial, short-term memory in senescent offspring. Neurobehavioral Teratology Society, Vancouver, BC , 2004.

Sobrian, S.K., Norwood, T., Clark, E. Jr., Arguinzoni, J.K., and C.C. Freeman. Prenatal cocaine and/or nicotine disrupts cued reference but not spatial working memory in aged female offspring. Society for Neuroscience, San Diego, CA, 2004.

Gerald, S. T., E. Clark, Jr., K. Ressman, L. Marr and **S.K. Sobrian**. Prenatal cocaine and/or nicotine alters life span in laboratory rats in a sex-dependent manner: Uncensored data. National Student Research Forum, Miami, FL, 2005.

Sobrian, S.K., Clark, E. Jr., Ressman, K., Marr, L., and Gerald, S. Prenatal cocaine and/or nicotine alters life span in laboratory rats in a sex-dependent manner: Censored data. Neurobehavioral Teratology Society, St. Petersburg Beach, FL, 2005.

Raffaele, KC., Fisher, E. Hancock, S., Hazelden, K.P., and **Sobrian, S.K.** Frame work for determining normal variation for endpoints measured in a developmental neurotoxicity test. Neurobehavioral Teratology Society, St. Petersburg Beach, FL, 2005.

Sobrian S.K., Adams, N., Wright, J., Kuhn, D., and Gerald, S. Chronic cocaine and stress differentially alter behavioral sensitization to cocaine in adolescent and adult rats. International Behavioral Neuroscience Society, Whistler, British Columbia, Canada, 2006.

Sobrian, S.K., Hugging, B.M., Gunn-White, S., Kuhn, D., and Wright, J. Prenatal cocaine and/or nicotine exposure disrupts non-spatial, short-term memory only in female offspring. Neurobehavioral Teratology Society, Tucson, AR, 2006.

Ramlochansingh, C., Wright, J., Kuhn, D., and **Sobrian S.K.** Prenatal cocaine and/or nicotine differentially alters cocaine-induced sensitization and psychomotor stimulation in aged offspring. Howard University Graduate Student Research Forum, Washington, DC, 2007.

Sobrian, S.K., Johnston, M., Wright, J., Kuhn, D., and K. Ameis. Prenatal nicotine and/or cocaine differentially alters nicotine-induced sensitization in aging offspring. International Drug Abuse Research Society, Merida, Mexico, 2007.

Sobrian, S.K., Wright, J., Kuhn, D., and Johnston, M. Prenatal cocaine and/or nicotine differentially alters cocaine-induced behavioral sensitization in aging offspring. Society for Neuroscience, San Diego, CA, 2007.

Sobrian, S.K. Prenatal drugs of abuse: life-long effects on behavioral development. International Society for Developmental Psychobiology, San Diego, CA, 2007.

Sobrian, S. K., Das, J, Wright, J., Adams, N., and Fryar, E. Prenatal Cocaine

Differentially Alters Dopamine D1 and D2 Receptor Expression in Aged Rats.
Neurobehavioral Teratology Society, Monterey, CA, 2008.

Sobrian, S.K., Wright, J., Gerald, S., Adams. N., and Das, J. Prenatal cocaine and/or cocaine increases dopamine D1 receptors in middle-aged offspring. Society for Neuroscience, Washington, DC, 2008.

Sobrian, S.K., K. Ressman, L. Marr, R.R. Holson and M.D. Gay. Prenatal cocaine and/or nicotine differentially alter the acquisition of active avoidance as a function of age in the offspring. Neurobehavioral Teratology Society, San Juan, Puerto Rico, 2009.

Sobrian, S.K. and N. Adams. Chronic cocaine and/or stress in adolescent rats differentially alter cocaine-induced reward. International drug Abuse Research Society. Seoul, South Korea, 2010.

Sobrian, S.K., White, S., Mahaman, L.M., and Johnson, S.M. Cocaine-induced sensitization and c-fos expression in the locus coeruleus of aging female Prp57 transgenic mice. Neurobehavioral Teratology Society, Louisville, KT, 2010.

Sobrian, S.K., Ressman, K. Marr, L. and Holson, R.R. Age-related changes in prenatal cocaine and/or nicotine induced depression and anxiety. Neurobehavioral Teratology Society, San Diego, CA, 2011.

Sobrian, S.K., Ressman, K. Marr, L. and Holson, R.R. Enduring changes in emotional responsiveness following prenatal cocaine and/or nicotine. International Drug Abuse Research Society. Istanbul, Turkey, 2011.

Sobrian, S. K. and Toungara, J.M. The Stained glass ceiling: Increasing diversity in educational exchanges. Fulbright Association 34th Annual Conference, Washington, DC, 2011.

Allen, A.R., Broome, C.K., Dwabi-Addo, B., Wang, S., **Sobrian, S.K.**, and Abrams, C.K. Analysis of Tshr hyt mice through multigenerational pedigree sib-pair modeling: a potential epigenetic model to study Parkinsonism. Society for Neuroscience, Washington, DC, 2011.

Polston, E.K., Powell, N.L., Gharehdaghi, P., Manaye,K.F., **Sobrian, S.K.**, and Waters, E.M. Effects of prenatal exposure to valproic acid on serotonergic and noradrenergic projections to the amygdala in rats. Society for Neuroscience, Washington, DC 20011.

Mickens, M., Powell, E., Polston, E. and **Sobrian, S.K.** Altered play behavior and anxiety in a prenatal valproic acid model of autism. Society for Neuroscience, Washington, DC, 2011.

Sobrian, S.K., Ressman, K., Marr, L., Wagner, L.,Freeman, C., Holson, R.R. Differential effects of prenatal cocaine and/or nicotine on indices of psychiatric disorders in elderly rats. Neurobehavioral Teratology Society, Baltimore, MD, 2012.

Polston, E.K., Powell, N.L., Gharehdaghi, P., Manaye,K.F., Mickens, M., and **Sobrian, S.K.** Prenatal exposure to valproic acid disrupts the sexually dimorphic development of monoaminergic neurotransmitter systems and perturbs behavioral profiles in rats.

NYAS: Fetal Programming and Environmental Exposure, New York NY, 2012.

Meyer, J. and **Sobrian, S.K.** Neurobehavioral consequences of stress: prenatal development through adulthood. Neurobehavioral Teratology Society, Tucson, AR, 2013.

Sobrian, S.K., Mickens, M., Powell, N., and Polston, E. Sex-specific effects of prenatal exposure to VPA: Behavioral and anatomical evidence. Neurobehavioral Teratology Society, Montreal, Canada, 2015.

Clark, Elijah Jr. and **Sobrian, S. K.** Gender-specific Effects of Prenatal Cocaine Exposure on Emotional Behavior in Adolescent Rats: Implications for Antidepressant Efficacy. Developmental Neurotoxicology Society, San Antonio, TX, 2016.

Sobrian, S.K., Ramlochansingh, C., Wright, J. and Kuhn, D. Altered Cocaine-induced Sensitization in Middle-aged Rats Following Gestational Exposure to Cocaine and/or Nicotine. Developmental Neurotoxicology Society, Denver, CO, 2017.

Sobrian, S. K. Transgenerational effects of Abuse Substances on Behavior: The What, When and How. Developmental Neurotoxicology Society, Clearwater, FL, 2018.

Brown, C., Hudson, T., **Sobrian, S. K.** Potential Drug Therapy for Fragile X Tremor/Ataxia Syndrome. American Federation for Medical Research. American Federation for Medical Research. Virtual Meeting, April 2021.

Brown, C, Hudson, T., **Sobrian, S. K.** Potential Drug Therapy for FX/TAS. Association for Clinical and Translation Science. Virtual Conference, March 2022.

Collis A. Brown, **Sonya K. Sobrian**, Oladapo Bakare and Tamaro S. Hudson. Establishing the efficacy of naturally occurring endocannabinoid-like substance in an *in vitro* model of Fragile X Tremor/Ataxia Syndrome (FXT/AS). Association for Clinical and Translational Science, Washington, DC. April 2023.

Collis A. Brown, **Sonya K. Sobrian**, Oladapo Bakare and Tamaro S. Hudson. Therapeutic Efficacy of Macamides on Fragile X Tremor/Ataxia Syndrome (FXT/AS). ASPET, St. Louis, MI. May 2023.