### NEWSLETTER

VOL. 8 NO. 2

February, 1, 1982

# **ISGIDAR**

INTERNATIONAL STUDY GROUP INVESTIGATING DRUGS AS REINFORCERS

#### CORRESPONDENCE

#### ABOUT ISGIDAR

Dr. Chris-Ellyn Johanson Department of Psychiatry The University of Chicago 950 East 59th Street Chicago, IL 60637

312-947-1936

### ABOUT ISGIDAR NEWSLETTER

Dr. Marilyn E. Carroll Psychiatry Research Unit Mayo Box 392 University of Minnesota Minneapolis, MN 55455

612-373-5108

Satellite Session on Drugs as Reinforcers: Committee on Problems of Drug Dependence Meeting, Toronto, Ontario, Canada, June 27, 1982.

The International Study Group Investigating Drugs as Reinforcers (ISGIDAR) will sponsor a scientific meeting on Sunday, June 27, 1982 at the Sheraton Centre, Toronto. Registration will be at 8:30 a.m. and the all-day session will begin at 9:00 a.m. The annual business meeting will follow the paper session. If you wish to present a paper, send a 300-word abstract by April 1, 1982 to Chris-Ellyn Johanson, Department of Psychiatry, The University of Chicago, 950 E. 59th St., Chicago, Illinois, USA, 60637. There will be a \$15 registration fee payable at the meeting.

## ISGIDAR BIBLIOGRAPHY

A form is attached for submission of publications for the ISGIDAR Bibliography. The bibliography is a means of announcing new publications or those in press. Forms may be submitted at any time during the year. The next bibliography will be published in the newsletter in September, 1982.

The following citations were submitted during the second of 1981.

Code: RA Reprint Available

IP In Press

NA Reprint Not Available

Status	Title	Address
RA	Woolverton, W.L. and Balster, R.L. Behavioral and lethal effects of combinations of oral ethanol and inhaled 1,1,1-trichloroethane in mice. Toxicol. Appl. Pharmacol., 59:1-7, 1981.	Dr. Robert L. Balster Dept. of Pharmacology Medical College of Virginia Richmond, VA 23298
RA	Woolverton, W.L. and Balster, R.L. Effects of combinations of phency-clidine and pentobarbital on fixed-interval performance in rhesus monkeys. J. Pharmacol. Exp. Ther., 217:611-618, 1981.	Same as above
IP	Balster, R.L. and Woolverton, W.L. Unlimited access intravenous drug self-administration in rhesus monkeys. Fed. Proc., in press.	Same as above
IP	Brady, K.T., Woolverton, W.L. and Balster, R.L. Discriminative stimulus and reinforcing properties of etoxadrol and dexoxadrol in primates. J. Pharmacol. Exp. Ther., in press.	Same as above
RA	Woolverton, W.L., Wessinger, W.D., Balster, R.L. and Harris. L.S. Intravenous clonidine self-administration by rhesus monkeys. In: Problems of Drug Dependence, 1980, L.S. Harris (ed.), NIDA Research Monograph Series #34, 1981, pp. 166-172.	Same as above

RA Brady, K.T., Balster, R.L. and May, E.L. Steroisomers of N-Allylnormeta-zocine: Phencyclidine-like behavioral effects in squirrel monkeys and rats. Science, 215:178-180, 1982.

Same as above

RA Bigelow, G.E., Stitzer, M.L., Griffiths, R.R. and Liebson, I.A. Contingency management approaches to drug self-administration and drug abuse: Efficacy and limitations. Addictive Behaviors, 6:241-252, 1981.

Dr. George E. Bigelow Department of Psychiatry Baltimore City Hospitals 4940 Eastern Avenue Baltimore, Maryland 21224

RA Bigelow, G.E., Stitzer, M.L., Griffiths, R.R. and Liebson, I.A. Human methadone detoxification: Opioid selfadministration behavior, cigarette smoking, and withdrawal signs and symptoms as a function of progressive dose reductions. Fed. Proc., 40:296, 1981. (Abstract)

Same as above

RA Ator, N.A. and Griffiths, R.R. Intravenous self-administration of nicotine in the baboon. Fed. Proc., 40:298, 1981. (Abstract) Roland R. Griffiths, Ph.D.
Department of Psychiatry
and Behavioral Sciences
The Johns Hopkins Univ.
School of Medicine
720 Rutland Avenue
Baltimore, Maryland 21205

RA Chait, L.D., Henningfield, J.E. and Griffiths, R.R. Comparative effects of ethanol and pentobarbital on cigarette smoking of chronic alcoholics. Fed. Proc., 40:397, 1981. (Abstract)

Same as above

RA Griffiths, R.R. and Ator, N.A.

Benzodiazepine self-administration in animals and humans: A comprehensive literature review. In: Benzodiaze-pines. Ludford, J. and Szara, S. (eds.), pp. 22-36. NIDA Research Monograph #33, DHHS Publication No. (ADM) 81-1052. Washington:Government Printing Office, 1981.

Same as above

RA Griffiths, R.R., Bigelow, G.E., Liebson, I. and Kaliszak, J.E. Drug preference in humans: Double-blind choice comparison of pentobarbital, diazepam and placebo.
J. Pharmacol. Exp. Ther., 215:649-661, 1980.

Same as above

- Griffiths, R.R., Brady, J.V. and Bigelow, Same as above G.E. Predicting the dependence liability of stimulant drugs. In: Behavioral Pharmacology of Human Drug Dependence.

  Thompson, T. and Johanson, C.E. (eds.), pp. 182-196. NIDA Research Monograph #37, DHHS Publication no. (ADM) 81-1137.

  Washington:Government Printing Office, 1981.
- IP Griffiths, R.R. and Henningfield, J.E. Same as above Experimental analysis of human cigarette smoking behavior. Fed. Proc., 41(2), 1982.
- IP Griffiths, R.R. and Henningfield, J.E. Same as above Pharmacology of cigarette smoking behavior. Trends in Pharmacological Sciences, (in press).
- IP Griffiths, R.R., Henningfield, J.E. and Same as above Bigelow, G.E. Human cigarette smoking:
  Manipulation of number of puffs per bout, interbout interval, and nicotine dose.
  J. Pharmacol. Exp. Ther., (in press).
- RA Griffiths, R.R., Lukas, S.E., Bradford, Same as above L.D., Brady, J.V., and Sneel, J.D. Self-injection of barbiturates and benzodiazepines in baboons. Psycho-pharmacology, 75:101-109, 1981.
- RA Griffiths, R.R., Wurster, R.M. and Brady, Same as above J.V. Choice between food and heroin:
  Effects of morphine, naloxone, and secobarbital. J. Exp. Anal. Behav., 35:335-351, 1981.
- RA Henningfield, J.E., Ator, N.A. and Same as above Griffiths, R.R. Establishment and maintenance of oral ethanol self-administration in the baboon. <u>Drug and Alcohol Dependence</u>, 7:113-124, 1981.
- Henningfield, J.E., Griffiths, R.R. and Jasinski, D.R. Human dependence on tobacco and opioids: Common factors. In:

  Behavioral Pharmacology of Human Drug

  Dependence. Thompson, T. and Johanson,
  C.E. (eds.), pp. 210-234. NIDA Research

  Monograph #37, DHHS Publication no. (ADM)
  81-1137. Washington:Government Printing
  Office, 1981.

RA	Henningfield, J.E. and Griffiths, R.R. Cigarette smoking and subjective response: Effects of d-amphetamine. Clinical Pharmacology and Therapeutics, 30:497-505, 1981.	Same as above
RA	Lukas, S.E. and Griffiths, R.R. Butorphanol-maintained responding in the baboon. The Pharmacologist, 22:233, 1980. (Abstract)	Same as above
RA	Lukas, S.E. and Griffiths, R.R. Opioid self-administration in the baboon: Comparison with suppression of food-maintained responding. The Pharmacologist, 23:152, 1981. (Abstract)	Same as above
RA	McLeod, D.R. and Griffiths, R.R. Pentobarbital-maintained progressiveratio performance by humans. Pharmac. Biochem. Behav., 15:830, 1981.  (Abstract)	Same as above
RA	Steinfels, G.F., Young, G.A. and Khazan, N. Opioid self-administration and REM sleep EEG power spectra.  Neuropharmacology, 19:69-74, 1980.	Naim Khazan, Ph.D. Dept. of Pharmacology and Toxicology Univ. of Maryland School of Pharmacy 636 W. Lombard St. Baltimore, MD 21201
RA	Young, G.A. Naloxone-induced enhance- ment of punishment in the rat. <u>Life</u> <u>Sciences</u> , <u>26</u> :1787-1792, 1980.	Same as above
RA	Young, G.A., Steinfels, G.F. and Khazan, N. Narcotic abstinence in dependent rats: EEG and behavioral correlates. Pharmac. Biochem. Behav., 13:115-119, 1980.	Same as above
RA	Steinfels, G.F. and Young, G.A. Effects of narcotic abstinence on schedule-controlled behavior in dependent rats. Pharmac. Biochem. Behav., 14:393-395, 1981.	Same as above
RA	Steinfels, G.F., Young, G.A. and Khazan, N. Relapse to morphine self-administration in morphine, methadone and levoalpha-acetylmethadol (LAAM) post-addict	Same as above

rats. <u>Drug and Alcohol Dependence</u>, 7:133-139, 1981.

IP Steinfels, G.F., Young, G.A. and Khazan, N. Self-administration of nalbuphine, butorphanol and pentazocine by morphine post-addict rats. Pharmac. Biochem. Behav., in press.

Same as above

RA Stitzer, M.L., Griffiths, R.R., Bigelow, G.E. and Liebson, I. Human social conversation: Effects of ethanol, secobarbital and chlorpromazine. Pharmac. Biochem. Behav., 14:353-360, 1981.

Dr. Maxine L. Stitzer
Department of Psychiatry
Baltimore City Hospitals
4940 Eastern Avenue
Baltimore, Maryland 21224

RA Stitzer, M.L., Griffiths, R.R., Bigelow, G.E. and Leibson, I. Social stimulus factors in drug effects in human subjects. In: Behavioral Pharmacology of Human Drug Dependence. Thompson, T. and Johanson, C.E. (eds.), pp. 130-154.

NIDA Research Monograph #37, DHHS Publication No. (ADM) 81-1137, Washington, D.C.:Government Printing Office, 1981.

Same as above

IP Stitzer, M.L., Griffiths, R.R., McLellan, A.T., Grabowski, J. and Hawthorne, J.W. Diazepam use among methadone maintenance patients: Patterns and dosages. <u>Drug and Alcohol Dependence</u> (in press).

Same as above

RA Woolverton, W.L., Shybut, G. and Johanson, C.E. Sturcture-activity relationships among some <u>d-N-alkylated</u> amphetamines.

<u>Pharmac. Biochem. Behav.</u>, <u>13</u>:869-876, 1980.

Wm. L. Woolverton, Ph.D. University of Chicago Dept. of Pharmacological and Physiological Sciences
947 E. 58th Street Chicago, IL 60637

RA Woolverton, W.L. and Balster, R.L. The effects of antipsychotic compounds in rhesus monkeys given a choice between cocaine and food. Drug and Alcohol Dependence, 8:69-78, 1981.

Same as above

IP Katz, J.L. and Woods, J.H. Dopamine antagonists and the reinforcement process. Brain and Behavior Sciences, in press.

Dr. James H. Woods Dept. of Pharmacology University of Michigan Medical School M6306 Medical Science

•		Bldg. I Ann Arbor, Michigan 48109
IP	Winger, G., Young, A.M. and Woods, J.H. Ethanol as a reinforcer: Comparison with other drugs. In: Biology of Alcoholism Vol. 6, Biological Pathogenesis of Alcoholism. Kissin, B. and Begleiter, H. (eds.)	Same as above
RA	Woods, J.H., Schuster, C.R. and Hartel, C.R. Behavioral effects of thebaine in the rhesus monkey. Pharmac. Biochem. Behav., 14:805-809, 1981.	Same as above
IP	Woods, J.H. Benzodiazepine dependence studies in animals: An overview.	Same as above
IP	Woods, J.H., Young, A.M. and Herling, S. Classification of narcotics on the basis of their reinforcing, discriminative and antagonist effects in rhesus monkeys. Fed. Proc., in press.	Same as above
IP	Woods, J.H., Herling, S. and Young, A.M. Comparison of discriminative and reinforcing stimulus characteristics of morphine-like opioids and two metenkephalin analogues. Neuropeptides, in press.	Same as above
RA	Woods, J.H., Katz, J.L., Medzihradsky, F., Smith, C.B., Young, A.M. and Winger, G. 1981 Annual Report: Evaluation of new compounds for opioid activity. The Drug Abuse Basic Research Program, 1981. NIDA Research Monograph.	Same as above
IP	Young, A.M., Herling, S. and Woods, J.H. History of drug exposure as a determinant of drug self-administration. NIDA Research Monograph, in press.	Same as above
RA	Young, A.M., Herling, S. and Woods, J.H. History of drug exposure as a determinant of drug self-administration. In: Behavioral Pharmacology of Human Drug Dependence, NIDA Research Monograph #37. T. Thompson and C.E. Johanson (eds.), pp. 75-89, 1981.	Alice M. Young Dept. of Psychology 71 West Warren Wayne State University Detroit, MI 48202

RA Young, A.M., Katz, J.L. and Woods, J.H. Same as above Behavioral effects of levonantradol and nantradol in the rhesus monkey. <u>Journal of Clinical Pharmacology</u>, 21:3485-360S, 1981.

Same as above

RA Young, A.M., Swain, H.H. and Woods, J.H. Comparison of opioid agonists in maintaining responding and in suppressing morphine withdrawal in rhesus monkeys. Psychopharmacology, 74:329-335, 1981.

Same as above

RA Young, A.M. and Woods, J.H. Maintenance of behavior by ketamine and related compounds in rhesus monkeys with different self-administration histories.

J. Pharmacol. Exp. Ther., 218:720-727, 1981.

#### ISGIDAR BIBIOGRAPHY FORM

- (RA) Published, reprints available.
- (IP) In press, reprints will be mailed after publication.
- (NA) Reprints unavailable.

Please use the following form for citations:

Deneau, G., Yanagita, T. and Seevers, M.H. Self-administration of psychoactive substances by the monkey: A measure of psychological dependence. Psychopharmacologia, <u>16</u>:30-48, 1969.

Schuster, C.R. and Johanson, C.E. Behavioral analysis of opiate dependence. In: Opiate addiction: Origins and treatment. Fisher, S. and Friedman, A.M. (eds.), pp. 77-92. Washington:Winston and Sons, 1973.

Citations: (in alphabetical order)

Mailing Address for Reprints:	Mail this form to:
	Dr. Marilyn E. Carroll Psychiatry Research Unit
	Mayo Box 392 University of Minnesota
	Minneapolis, MN 55455