

INTERNATIONAL STUDY GROUP INVESTIGATING DRUGS AS REINFORCERS

CORRESPONDENCE

ABOUT ISGIDAR

Dr. Marilyn E. Carroll
Psychiatry Research Unit
Mayo Box 392
University of Minnesota
Minneapolis, MN 55455
612-373-5108

ABOUT ISGIDAR NEWSLETTER

Dr. William L. Woolverton
Department of Pharmacological
and Physiological Sciences
The University of Chicago
947 E. 58th Street
Chicago, IL 60637
312-962-6363

ISGIDAR sponsored a scientific meeting as a satellite session to the annual meeting of the Committee on Problems of Drug Dependence. Approximately 50 people attended and the following papers were presented:

The Reinforcing Properties of Metazocine and its Stereoisomers in Rhesus Monkeys. B.L. Slifer, R.L. Balster and E.L. May, Medical College of Virginia, USA.

Oral Self-Administration of *d*-Amphetamine, Ketamine, Methohexital and SKF 10,047 in Rhesus Monkeys Using Substitution Procedures. M.E. Carroll, D.C. Stotz, D.J. Kliner and R.A. Meisch, University of Minnesota, USA.

Self-Administration of Δ -Phenylethylamines Under Different Schedules of Delivery. H. Shannon, Addiction Research Center, Lexington, USA

Individual Differences Associated with Amphetamine Preference in Humans. H. de Wit and C.E. Johanson, University of Chicago, USA.

Relationship Between Reinforcing and Discriminative Effects of Intravenous Cocaine, Pentobarbital and Nicotine in Rhesus Monkeys. S. Kata, Y. Wakasa, K. Ando and T. Yanagita, Central Institute for Experimental Animals, JAPAN.

Stimulus Properties of Dopamine Agonists in Rhesus Monkeys. W.L. Woolverton, University of Chicago, USA.

Drug Discrimination in Humans: Methodological Considerations. L.D. Chait and C.E. Johanson, University of Chicago, USA.

A MESSAGE FROM THE PRESIDENT

Dear ISGIDAR Members:

The functions of ISGIDAR are to provide a forum for those who study the reinforcing aspects of drugs, to provide an exchange of new data and information during an annual one-day paper session, and to produce a biennial bibliography of new publications in the area. New members may join the organization by submitting a letter to one of the officers requesting membership or by giving their name and address to an officer at the annual meeting. ISGIDAR meetings are characteristically well attended, informal and the members generally provide a great deal of constructive feedback to those presenting papers.

This year ISGIDAR members voted to initiate a new activity, funding a research paper award. Travel funds will be provided for a new investigator to present a paper at the 1984 meeting. An additional goal I would like to accomplish this year is to revive the ISGIDAR bibliography. It appears that only a few labs have been contributing over the last few years and in the most recent newsletter we had only two citations. A few reminders might help:

— You've made the major effort to write the research paper, doesn't it make sense to take a few more minutes to send the reference to the ISGIDAR secretary? This is your best audience!

— The newsletter comes out in September and February. If you regularly sent your forms in by January 1 or July 1, they would be published within a month or two. Before you toss or file this newsletter please tear off the last page and write "Deadline: January or July on the top", then put it with your things that must be done.

In closing, I would like to thank Chris-Ellyn Johanson for organizing and conducting very pleasant and stimulant meetings, and for her efficient performance as president.

Sincerely,

Marilyn

ISGIDAR Research Paper Award

Award

UP to \$500 in reasonable and documented travel costs will be paid to the winner to attend the annual meeting of the Committee on Problems of Drug Dependence, 1984, and to attend and present a paper at the ISGIDAR satellite session. Payment will be made upon submission of travel receipts to the ISGIDAR Treasurer. Those who did not receive the award, but who did receive good reviews will be encouraged to present their papers at the ISGIDAR meeting.

Eligibility

Applicants must be enrolled in a graduate program and be working toward a doctorate or have received their doctorate within the last five years (after June 1, 1979).

Applicants must be sponsored by an ISGIDAR member.

The research to be reported at ISGIDAR must not already be published.

Manuscript Requirements

Please submit 4 copies double spaced, not more than 10 pages excluding figures and references.

The length and scope of the paper should be consistent with a 20-25 minute slide presentation.

Please include paper title, name, address, phone number and author's signature on the cover page of the manuscript.

The signature and typed name of the author's sponsor should also appear on the cover page after a statement indicating that the applicant made a significant scientific contribution to the research.

Review

Each manuscript will be independently reviewed by the ISGIDAR officers, for originality, scientific contribution, sound methodology and clarity of the manuscript.

Blind review is possible upon request.

Reviewer's will not participate in the review of papers from their own institution.

Deadline

Manuscripts should comply with the requirements specified above and they must be submitted by March 1, 1984. Those postmarked after March 1st will not be considered. Applicants will be notified by April 15, 1984.

Submit manuscripts to: Dr. Marilyn Carroll
Psychiatry Department
Mayo Box 392
University of Minnesota
Minneapolis, MN 55455

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 early in 1984.

The following citations were submitted during the first half of 1983.

Code: RA Reprint Available
 IP In Press
 NA Reprint Not Available

Status	Title	Address
IP	Carroll, M.E. and Boe, I.N. Effects of dose on increased etonitazene self-administration in rats due to food deprivation. Psychopharmacology.	Dr. Marilyn E. Carroll Psychiatry Department Mayo Box 392 University of Minnesota Minneapolis, MN 55455
IP	Carroll, M.E. and Stotz, D.C. Oral <u>d</u> -amphetamine and ketamine self-administration by rhesus monkeys: Effects of food deprivation. J. Pharmacol. Exp. Ther.	Same as above
IP	Carroll, M.E., Stotz, D.C., Kliner, D.J. and Meisch, R.A. Self-administration of orally-delivered methohexital in rhesus monkeys: Effects of food deprivation and satiation. Pharmacol. Biochem. Behav..	Same as above
IP	Carroll, M.E. Effects of <u>d</u> -amphetamine and pentobarbital on self-administration of orally-delivered phencyclidine in rhesus monkeys. (A manuscript accepted for publication pending revisions), Pharmacol. Biochem. Behav.	Same as above
IP	Carroll, M.E. and Meisch, R.A. Increased drug-reinforced behavior due to food deprivation. In: Advances in Behavioral Pharmacology, IV, T. Thompson and P.B. Dews (eds.), New York: Academic Press.	Same as above
RA	Kawaguchi, T. and Yanagita, T. Intravenous self-administration of drugs in rats: Comparison with rhesus monkeys. In: Learning and memory; drugs as reinforcer. Saito, S. and Yanagita, T. (eds.), pp. 185-201. Amsterdam-Oxford-Princeton: Excerpta Medica, 1982.	Tomoji Yanagita, M.D. Preclinical Research Laboratories Central Institute for Experimental Animals 1433 Nogawa, Miyamae-ku Kawasaki, Japan 213

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| RA | Kata, S., Wakasa, Y. and Yanagita, T. Relationship between reinforcing and subjective effects studied with intravenous cocaine in crab-eating monkeys. In: Learning and Memory; Drugs as Reinforcers. Saito, S. and Yanagita, T. (eds.), pp. 294-302. Amsterdam-Oxford-Princeton: Excerpta Medica, 1982. | Same as above |
| RA | Cervo, L. and Woolverton, W.L. The Effects of desmethylimipramine (DMI) + 6-hydroxydopamine (6-OHDA) on the discriminative stimulus properties of d-amphetamine and apomorphine in rats. Fed. Proc. <u>42</u> : 621, 1983. | William L. Woolverton, Ph.d.
Department of Pharmacological
and Physiological Sciences
University of Chicago
947 East 58th Street
Chicago, IL 60637 |
| RA | Foltin, R.W., Woolverton, W.L. and Schuster, C.R. The effects of psychomotor stimulants, alone and in pairs, on milk drinking in the rat following intraperitoneal and intragastric administration. J. Pharmacol. Exp. Ther. <u>226</u> :411-418, 1983. | Same as above |
| RA | Foltin, R.W., Woolverton, W.L. and Schuster, C.R. The effects of d-amphetamine and haloperidol alone and in combination on milk drinking in rats. Psychopharmacology <u>80</u> :342-344, 1983. | Same as above |
| RA | Woolverton, W.L. and Balster, R.L. The effects of local anesthetics on fixed-interval responding in the rhesus monkey. Pharmacol. Biochem. Behav. <u>18</u> :383-387, 1983. | Same as above |
| RA | Woolverton, W.L., Goldberg, L.I. and Ginos, J.Z. Intravenous self-administration of dopamine receptor agonists by rhesus monkeys. Fed. Proc. <u>42</u> :769, 1983. | Same as above |
| RA | Woolverton, W.L. and Schuster, C.R. Behavioral and pharmacological aspects of opioid dependence: Mixed agonist-antagonists. Pharmacol. Rev. <u>35</u> : 33-52, 1983. | Same as above |
| IP | Woolverton, W.L. and Johanson, C.E. Preference in rhesus monkeys given a choice between cocaine and d,l-cathinone. J. Exp. Anal. Behav. | Same as above |
| IP | Woolverton, W.L. and Schuster, C.R. Intragastric self-administration in rhesus monkeys under limited access conditions: Methodological studies. J. Pharmacol. Methods. | Same as above |

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| RA | de la Garza, R. and Johanson, C.E. Effects of haloperidol and physostigmine on self-administration of local anesthetics. Pharmacol. Biochem. Behav. <u>17</u> :1295-1299, 1982. | C.E. Johanson, Ph.D.
Department of Psychiatry
University of Chicago
950 E. 59th Street
Chicago, IL 60637 |
| RA | de la Garza, R. and Johanson, C.E. The discriminative stimulus properties of cocaine in the rhesus monkey. Pharmacol. Biochem. Behav. <u>19</u> :145-148, 1983. | Same as above |
| RA | de la Garza, R., Johanson, C.E and Schuster, C.R. Discriminative stimulus effects of oxazepam and pentobarbital. Fed. Proc. <u>42</u> (3): 620, 1983. | Same as above |
| RA | de Wit, H. and Johanson, C.E. Preference for lorazepam in humans. Fed. Proc. <u>42</u> (3): 345, 1983. | Same as above |
| RA | de Wit, H., Johanson, C.E., Uhlenhuth, E.H. and McCracken, S. The effects of two non-pharmacological variables on drug preference in humans. In: Problems of Drug Dependence, 1982. Harris, L.S. (ed.), pp. 251-257, National Institute on Drug Abuse Research Monograph Series 43, 1983. | Same as above |
| RA | Johanson, C.E. Behavior maintained under first and second-order fixed-interval schedules of cocaine or pentobarbital in rhesus monkeys. J. Pharmacol. Exp. Therap. <u>221</u> :384-393, 1982. | Same as above |
| RA | Johanson, C.E. Reinforcing properties of lorazepam in humans. Fed. Proc. <u>42</u> (3): 345, 1983. | Same as above |
| RA | Johanson, C.E. and Uhlenhuth, E.H. Drug preference in humans. Fed. Proc. <u>41</u> :228-233, 1982. | Same as above |
| RA | Schuster, C.R., Aigner, T. and Johanson, C.E. Experimental studies of the abuse potential of d,l-glucine 1.5-phosphate in rhesus monkeys. Pharmacol. Biochem. Behav. <u>16</u> :851-854, 1982. | Same as above |
| IP | Ando, K., Johanson, C.E., Levy, D.L., Yasillo, N.J. Holtzman, P.S. and Schuster, C.R. Effects of phencyclidine, secobarbital and diazepam on eye-tracking in rhesus monkeys. Psychopharmacology. | Same as above |
| IP | de la Garza, R., Johanson, C.E. and Schuster, C.R. The discriminative stimulus properties of cocaine and d-amphetamine. A comparison of three routes of administration. In: Problems of Drug Dependence, 1983. Harris, L.S. (ed.), National Institute on Drug Abuse Research Monograph Series. | Same as above |

- IP de Wit, H., Johanson, C.E. and Uhlenhuth, E.H. Same as above
Drug preference in humans: Lorazepam. In:
Problems of Drug Dependence, 1983. Harris, L.S.
(ed.), National Institute on Drug Abuse Research
Monograph Series.
- IP Johanson, C.E. Assessment of the dependence Same as above
potential of cocaine in animals. In: Cocaine, 1983,
National Institute on Drug Abuse Monograph Series.
- IP Johanson, C.E., Kilgore, K. and Uhlenhuth, E.H. Same as above
Assessment of dependence potential of drugs in
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ISGIDAR BIBLIOGRAPHY 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 monkeys: A measure of psychological dependence. *Psychopharmacologia*, 16:30-48, 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:

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