

INTERNATIONAL STUDY GROUP INVESTIGATING DRUGS AS REINFORCERS

CORRESPONDENCE

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ABOUT ISGIDAR NEWSLETTER:

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Annual Meeting of the International Study
Group Investigating Drugs as Reinforcers
with
The Society for the Stimulus Properties of Drugs
Granlibakken Resort
Tahoe City, California
June 15, 1986

Intranasal cocaine self-administration: Lack of tolerance to pressor effects. R.W. Foltin, M.W. Fischman and J. Pedrosa, The Johns Hopkins University School of Medicine, Baltimore, MD, USA.

Reinforcing properties of amphetamine in at-risk populations. H. deWit and C.E. Johanson, The University of Chicago, Chicago, IL, USA

Effect of cigarette rod length on smoking topography. P.P. Woodson and R.R. Griffiths, Francis Scott Key Medical Center, Baltimore, MD, USA.

Euphoriant response to diazepam predicts response to lorazepam and halazepam but not to alprazolam. J.O. Cole, M. Bird, M.H. Orzack, E. Dessain and Loren Friedman, McLean Hospital, Boston, MA, USA.

Historical and contextual determinants of the effects of neurotoxin lesions on morphine self-administration. S.I. Dworkin and J.E. Smith, LSU School of Medicine in Shreveport, LA, USA.

Behavioral disruption due to termination of intravenous cocaine self-administration in rats. M.E. Carroll, S.T. Lac and S. Nygaard, University of Minnesota, Minneapolis, MN, USA.

The mouse as a tool in behavioral pharmacology: The establishment and maintenance of oral ethanol self-administration in inbred mice. G.I. Elmer, R.A. Meisch and F.R. George, NIDA Addiction Research Center, Baltimore, MD, USA.

Intracranial self-administration: The current status. N.E. Goeders, LSU School of Medicine in Shreveport, LA, USA.

Self-administration of methylenedioxymethamphetamine (MDMA) by rhesus monkeys. P.M. Beardsley, R.L. Balster and L.S. Harris, Medical College of Virginia, Richmond, VA, USA.

Pharmacological modification of the stimulus properties of psychomotor stimulants. W.L. Woolverton, R.M. Virus and J.B. Kamien, The University of Chicago, Chicago, IL, USA.

The discriminative stimulus properties of pentobarbital stereoisomers and other drugs in pigeons trained to discriminate pentobarbital from saline. W.D. Wessinger and G.R. Wenger, University of Arkansas for Medical Sciences, Little Rock, AR, USA.

Three-choice discrimination between d-amphetamine, fenfluramine and saline in pigeons. S.M. Evans and C.E. Johanson, The University of Chicago, Chicago, IL, USA.

Opiate receptor modulation of the pentylenetetrazol stimulus. M.W. Emmett-Oglesby and A. Herz, Max Planck Institute for Psychiatry, Munich, FRG.

ISGIDAR BUSINESS MEETING

Immediately following the paper session, the annual business meeting was called to order by President Bill Woolverton. Treasurer David Downs reported that, including receipts from the 1986 meeting, the balance was \$1819.39. The receipts from the 1986 meeting, \$555.00, would cover the 1986 travel award. A discussion ensued of whether to continue the travel award because of the relatively low number of submissions, but the membership voted to continue the award. It was also agreed that the membership is in favor of continuing to hold meetings jointly with the Society for the Stimulus Properties of Drugs (SSPD). As new business, Joe Brady reported that the Committee on Problems of Drug Dependence had raised the issue of trying to integrate ISGIDAR into the CPDD program so that Committee members will be able to attend the ISGIDAR paper presentations. Currently the Committee meets at the same time as the ISGIDAR satellite session. Various aspects of this potential proposal were discussed, including the problem of parallel sessions if ISGIDAR were integrated into the CPDD program. It was pointed out that originally ISGIDAR was formulated as a group that could hold a satellite session in conjunction with any other scientific meeting, but that in recent years, it has been held only in conjunction with CPDD. Because no formal proposal had been made, no action was taken.

ISGIDAR 1986 TRAVEL AWARD WINNER

Gregory I. Elmer is a graduate student in the Department of Pharmacology and Toxicology of the School of Pharmacy at the University of Maryland at Baltimore. His research advisor is Frank George of the NIDA Addiction Research Center in Baltimore, and Greg is one of this first graduate students to have the unique opportunity to conduct his dissertation research at the ARC. Greg's research interests currently involve using genetics as a tool to aid in understanding the biochemical substrates of drug-reinforced behavior.

A MESSAGE FROM THE PRESIDENT

To ISGIDAR members:

As everyone involved in animal research is aware, animal welfare issues are occupying an increasing amount of our attention. At the annual meeting in St. Louis, FASEB sponsored a symposium on animal welfare that was attended by hundreds of people. The panelists, both scientists and members of the press, presented an excellent, broadly-based discussion of the topic. The concensus was that animal welfare is an issue that, for the foreseeable future, will occupy even more of our resources and that scientists have to assume more of the offensive. I wanted to take this opportunity to echo their exhortation that everyone to do what they can to become knowledgeable about, sensitive to and active in dealing with these issues.

Some people may not be aware of what is going on with regards to primate research. Briefly, animal welfare legislation, attached to the 1985 Farm Bill (signed by the President Dec. 23, 1986) states that "The standards described in paragraph (1) shall include minimum requirements... for a physical environment adequate to promote the psychological well-being of primates" and that "The intent of the standards with regard to the psychological well-being of primates is to provide adequate space equipped with devices for exercise consistent with the primate's natural instincts and habits". The regulations which will interpret how this law is to be applied are currently being written by the USDA and are to take effect on Dec. 23, 1986. Clearly, interpretation of this law is filled with complexities, not the least of which is definition of the psychological well-being of primates. Although no one would disagree that the psychological well-being of primates should be provided for, the exact conditions under which this is accomplished are critical to the continuation of quality primate research.

There are 2 official 60 day comment periods during which persons who wish to comment on the regulations may do so. The first period ended May 6, 1986 and the regulations are now being written, presumably in consideration of those comments. The second period will begin when the regulations are published, originally scheduled for late this summer. It is a place where researchers can have a significant impact on the future of animal research. Several ISGIDAR members prepared responses for the first comment period and

will respond to the regulations when they are published. I urge anyone who is interested in responding to this important issue to get in touch with me as soon as possible. I will be happy to provide copies of what we have written about the regulations.

Best regards to all,

Bill Woolverton

FACULTY POSITION AVAILABLE

Responsibilities include development of behavioral and physiological procedures based upon prior training and experience with animal and human experimentation, residential laboratory management, acquisition of research funding, and clinical studies of consummatory processes including feeding and drug-taking. Teaching in medical school setting involving graduate and residency training experience required. Ph.D. and/or M.D. applicants send curriculum vitae and references to: Paul McHugh, M.D., Director, Department of Psychiatry and Behavioral Sciences, The Johns Hopkins University School of Medicine, Baltimore, MD 21205. Equal opportunity/affirmative action employer, M/F.

ISGIDAR 1987 TRAVEL AWARD

ISGIDAR will again sponsor a Student Paper Competition Award for a new investigator to present a paper on drug self-administration research. Up to \$500 in reasonable and documented travel costs will be paid to the winner to attend the meeting of the Committee on Problems of Drug Dependence, 1987 in Philadelphia and to 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, 1982).

Applicants who are not ISGIDAR members must be sponsored by an ISGIDAR member.

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

MANUSCRIPT REQUIREMENTS: Papers should not be 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.

Submit four copies, double-spaced.

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.

Reviewers will not participate in the review of papers from their own institution.

Submit manuscripts to: Dr. William L. Woolverton
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ISGIDAR BIBLIOGRAPHY

Listing of recent publications or manuscripts in press on the behavioral pharmacology of drugs of abuse by ISGIDAR members:

RA = published, reprints available
IP = in press
SU = submitted
NA = published, reprints not available

Kiyoshi Ando, Ph.D.
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Ando, K., Hironaka, N., and Yanagita, T.: Development of cigarette smoking in rhesus monkeys. National Institute on Drug Abuse Research Monograph. (IP)

Ando, K., Hironaka, N., and Yanagita, T.: Psychotic manifestations in amphetamine--abuse--Experimental study on the mechanisms of psychotic recurrence--. Psychopharmacology Bulletin. (SU)

Robert L. Balster, Ph.D.
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Moser, V.C. and Balster, R.L.: Acute motor and lethal effects of inhaled toluene, 1,1,1-trichloroethane, halothane, and ethanol in mice: Effects of exposure duration. Toxicology and Applied Pharmacology 77: 285-291, 1985. (RA)

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Larry D. Chait, Ph.D.
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University of Chicago
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Frank R. George, Ph.D.
National Institute on Drug Abuse
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ISGIDAR BIBLIOGRAPHY FORM

- (RA) Published, reprints available
- (IP) In Press, reprints will be mailed after publication
- (NA) Reprints unavailable
- (SU) Submitted

In submitting your entries, use any useful format. Mail this form to :

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Note: If the response cost is less to just mail a copy of the preprint or reprint, please feel free to do so with ISGIDAR written on the envelope or the paper itself.

Address for reprints: _____

Citations (in alphabetical order):