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Who is Using Bio Medic Data Systems’ Implantable Micro Identification (IMI™)?

More than 45 organizations now have the Bio Medic Data Systems Implantable Micro Identification including Sandoz Research Institute, Schering Plough, C.I.T., General Motors, N.S.I. Technical Services, Stanford University, University of Miami, M.I.T. (Note that the Sandoz Research Institute has submitted the results of the first year of a two-year study for publication.)
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For a complete program and a registration form, see any of the following issues of Science magazine: 19 October, 26 October (insert), or 7 December; or write to AAAS Meeting Promotion Dept., Room 815, 1333 H Street, NW, Washington, DC 20005.

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Gordon, Lena. See Stein, Gretchen H.

Gordon, Mark S. See Truhral, Donald G.


Gorman, Christopher B. See Sailor, Michael J.

Grable, John C. See Kim, Youngchang

Granner, Daryl K. See O'Brien, Richard M.

Gray, Panick W. See Schumann, Ralf R.


Greene, Nancy C. See Gross, Y.


Greenberg, Philip D. See Schultz, Kirk R.

Greene, Patricia J. See Kim, Youngchang.

Gregory, Jill S. See Boulton, Teri G.

Grey, Howard M. See Demotz, Stéphane.

Grispoon, David H. See Lewis, John S.

Grinvald, Amiram. See Ts'o Daniel Y.

Groenendaal, Angela M. See Kay, Lewis E.


Grubbs, Robert H. See Sailor, Michael J.

Grünewald, Kurt. See Lyons, John.

Gruss, Peter. See Kessel, Michael.


Guastella, John; Nelson; Nathan; Nelson, Hannah; Cayyk, Linda; Keyhan, Shohid; Miedel, Mary C.; Davidson, Linda; Lester, Henry A.; Kanner, Baruch I.: Cloning and expression of a rat brain GABA transporter. p1803 14 Sep 1990.


Gustafsson, Jan-Ake. See Hår, Torleif.

Guyer, C. Greg. See Judikewich, Judith C.


H

Hadley, Suzanne W. See Hallum, Jules V.

Hager, Lowell P. See Wuosmaa, Anne Marie.


Hall, Lisa. See Born, Willi.
Sagan, Carl. See Chyba, Christopher F.
Sagemüller, Charls. See Lin, Augustine Y.
Sailor, Michael J.; Ginsburg, Eric J.; Gorman, Christopher B.; Kumar, Amit; Grubbs, Robert H.; Lewis, Nathan S.: Thin films of n-Si-poly-(CH3)2-Si cyclooctatetraene: conducting polymer solar cells and layered structures. p1146 7 Sep 1990
Saimi, Y. and Ling, K.-Y.: Calmodulin activation of calcium-dependent sodium channels in excised neuro-membrane vesicles and patches of Paramecium. p1441 21 Sep 1990
Sakmann, Bert. See Keinanen, Kari. See also Sommer, Bernd.
Samelson, Lawrence E. See Nakayama, Toshinori.
Sandberg, Kathryn; Bor, Marta; Ji, Hong; Mark- wick, Alison; Millan, Monica A.; Catt, Kevin J.: Angiotensin II-induced calcium mobilization in oocytes by signal transfer through gap junctions. p298 20 July 1990
Sanneverino, J. See King, J. M. H.
Sargiacomo, Massimo. See Gabbianelli, Marco.
Satow, Yoshinori. See Yang, Wei.
Saulino, Amit M. See Wallace, Margaret R.
Saxton, William M. See Yang, Joy T.
Saykally, R. J. See Heath, J. R. See also Suttem- terman, C. A.
Saylor, G. S. See King, J. M. H.
Schachter, Samuel. See Glanzman, David L.
Schafer III, William; See Finberg, L. F.
Schenker, Warren J. See Udin, Susan B.
Schoch, H. J. See Eisinger, H. M.
Schreiber, Stuart L. See Finberg, Robert W.
Schubbaur, Brigitte. See Böhme, Jan.
Schultz, Peter G. See Cochran, Andrea G.
Schultz, Steve C.: See Weeks, Kevin M.
Scott, Thomas R. and Giza, Barbara K.: Coding channels in the taste system of the rat. p1585 28 Sep 1990
Seeburg, Peter H. See Keinanen, Kari. See also Sommer, Bernd.
Seegmiller, J. Edwin. See Abelson, John.
Seibert, Paul (news): Charlie Cantor gets kicked upstairs. p1238 14 Sep 1990
Sen, Gautam and Jones, Robert E.: Cumulate xenolith in Oahu, Hawaii: implications for deep magma chambers and Hawaiian volcanism. p1152 7 Sep 1990
Sette, Alessandro. See Demoz, Stéphane.
Shadlock, Phillip. See LaRosa, Gregory J.
Sharp, Philip A. See Chang, David D.
Sharrow, Susan B. See Nakayama, Toshinori.
Shaw, Gary S.; Hodges, Robert S.; Sykes, Brian D.: Calcium-induced peptide association to form an intact protein domain: IV NMR structural evidence. p280 20 July 1990
Shaw, Stephen. See Webb, Deborah S. A.
Sheard, Michael. See Nakayama, Toshinori.
Sheeks, R. A. See Heath, J. R.
Sheer, Denise. See Borrow, Julian.
Shibata, Michael. See Lupu, Ruth.
Shimizu, Yoji. See Webb, Deborah S. A.
Shiner, J. Thomas. See Willi, Shirley.
Shipley, Reginald A.: Invention of the autoana-
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Accepted papers are edited to improve the accuracy and effectiveness of communication and to bring them within the specified length limits. When the author's meaning is not clear, the editor may consult the author by telephone; when editing is extensive, the manuscript may be returned for approval and retyping before the type is set.

Categories of signed articles include: general articles, research articles, reports, letters, technical comments, book and software reviews, perspectives, and policy forums.

General Articles. General articles (up to 5000 words) are expected to (i) review new developments in one field that will be of interest to readers in other fields; (ii) describe a current research problem or a technique of interdisciplinary significance; or (iii) discuss some aspect of the history, logic, policy, or administration of science. Readers should be able to learn from a general article what has been firmly established and what are unresolved questions; speculation should be kept to a minimum.

Many of the general articles are solicited by the editor, but unsolicited articles are welcome. Both solicited and unsolicited articles undergo review.

General articles should include a note giving the authors' names, titles, and addresses; a summary (50 to 100 words); an introduction that outlines for the general reader the main point of the article; and brief subheadings to indicate the main ideas. The reference list should not be exhaustive; a maximum of 50 references is suggested. Figures and tables should occupy no more than one printed page.

Research Articles. A research article (up to 4000 words) is expected to contain new data representing a major breakthrough in its field. The article should include an author note, abstract, introduction, and sections with brief sideheads. A maximum of 40 references is suggested. Figures and tables together should occupy no more than one printed page.

Reports. Reports (up to 2000 words) are expected to contain important research results. Addresses for all authors should be listed on the title page and the corresponding author should be indicated by an asterisk. They should include an abstract (no more than 100 words) and an introductory paragraph. A maximum of 30 references is suggested. Figures and tables together with their legends should occupy no more than one printed page.

Letters. Letters are selected for their pertinence to material published in Science or because they discuss problems of general interest to scientists. Letters pertaining to material published in Science may correct errors; provide support or agreement; or offer different points of view, clarifications, or additional information. Personal remarks

Revised 22 December 1989
about another author are inappropriate. Letters may be reviewed by outside consultants. Letters selected for publication are intended to reflect the range of opinions received. The author of the paper in question is usually given an opportunity to reply.

All letters are acknowledged by postcard; authors are notified if their letters are to be published. Preference is given to letters that do not exceed 250 words. Letters accepted for publication are frequently edited and shortened in consultation with the author.

Technical Comments. Technical comments (up to 500 words) may criticize articles or reports published in Science within the previous 6 months or may offer useful additional information. Minor issues should be resolved by private correspondence. The authors of the original paper are asked for an opinion of the comment and are given an opportunity to reply in the same issue if the comment is published. The comments, and sometimes the reply, are subject to the usual review procedures. Priority disputes undergo extensive review and are published only when action is recommended.

Book and Software Reviews. The selection of books and software packages to be reviewed and of reviewers is made by the editors. Instructions and length specifications accompany items to be reviewed when they are sent to reviewers.

Manuscript Preparation

Typing. Use double-spacing throughout the text, tables, figure legends, and references and notes and leave margins of at least 2.5 centimeters. Put your name on each page and number the pages starting with the title page.

Titles. Titles should be short, specific, and amenable to indexing. For general articles the maximum length is 80 characters and spaces; for research articles and reports the maximum is 100 characters.

Summaries or abstracts. These should include a sentence or two explaining to the general reader why the research was undertaken and why the results should be viewed as important. The abstract should convey the main point of the paper and outline the results or conclusions.

Text. A brief introduction should indicate the broad significance of the paper. The whole text should be intelligible to readers in different disciplines. Technical terms should be defined. All tables and figures should be cited in the text in numerical order.

Symbols and abbreviations. Define all symbols, abbreviations, and acronyms the first time they are used.

Units of measure. Use metric units. If measurements were made in English units, give metric equivalents.

References and notes. Number references and notes in the order in which they are cited, first through the text and then through the table and figure legends. List a reference only one time. References that are always cited together may be grouped under a single number. Use conventional abbreviations for well-known journals; provide complete titles for other journals. Do not use op. cit. For references with up to five authors provide all the names; for more than five, provide the name of the first author only. See issues of the journal for examples.

Unpublished observations. Reference to unpublished data should be given a number in the text and placed, in correct sequence, in the references and notes.

Acknowledgments. Gather all acknowledgments into a brief statement at the end of the references and notes.

Informed consent. Investigations on human subjects must include a statement indicating that informed consent was obtained after the nature and possible consequences of the studies had been fully explained.

Animal welfare. Authors using experimental animals must state that their care was in accordance with institutional guidelines. For animals subjected to invasive procedures, the anesthetic, analgesic, and tranquilizing agents used, as well as the amounts and frequency of administration, must be stated.

Figures. For each figure submit three high-quality glossy prints or original drawings of sufficient size to permit retlettering but not larger than 22 by 28 centimeters (8 1/2 by 11 inches). On the back of every figure write the first author's name and the figure number and indicate the correct orientation. Manuscripts with oversized figures will be returned to the author without review. Photocopies of figures are not acceptable; transparencies, slides, or negatives cannot be used because they cannot be sent to reviewers.

On acceptance of a paper, authors requesting the use of color will be asked to supply slides or negatives of the color artwork and to pay $600 for the first color figure or figure part and $300 for each additional figure or figure part to help defray the cost of obtaining color separations.

Tables. Tables should supplement, not duplicate, the text. They should be numbered consecutively with respect to their citation in the text. Each table should be typed, with its legend (double-spaced), on a separate sheet. Give each column a heading with units of measure indicated in parentheses. Do not change the unit of measure within a column.

Equations and formulas. Use quadruple-spacing around equations and formulas that are to be set off from the text. Define all symbols.

Uncertainties and reproducibility. Evidence that the results are reproducible and the conditions under which this reproducibility (replication) was obtained should be explicitly stated. The effect of limitations in experimental conditions on generalizability of results should be discussed. Uncertainties should be stated in terms of variation expected in independent repetitions of the experiments; they should include an allowance for possible systematic error arising from inadequacies in the assumed model and other known sources of possible bias. Probabilities from statistical tests of significance should be subordinated to the reporting of results and associated uncertainties.

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Printing and Publication

Proofs and reprints. One set of galley proofs is sent to the authors. An order blank for reprints accompanies the proofs.

Scheduling. Papers are scheduled for publication after Science has received corrected galley proofs from the authors. Papers with tables or figures that present problems in layout, or with color figures or cover pictures, or that exceed the length limits may be subject to delay.

Cover Photographs

Particularly good photographs that pertain to a paper being submitted will be considered for use on the cover. Submit prints (not slides, negatives, or transparencies) with the manuscript.
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