

INSTRUCTIONS FOR AUTHORS

Manuscripts for *Cancer Research* must represent new and original contributions, not previously published, and, if accepted, not to be published elsewhere. They must be typed, double-spaced, with ample margins, on bond paper. The original and one carbon copy must be submitted. Manuscript pages should be numbered consecutively. Every paper must end with a brief, logical *summary* in which the points proved by the investigation are outlined.

Critical reviews on subjects dealing with cancer and allied fields will be considered for publication in *Cancer Research*. Such reviews should attempt to correlate the various approaches to a problem in a manner that will indicate the trends and emphasize the aspects that require further clarification. Critical analyses of the pertinent issues and expressions of opinions are encouraged. The reviews must not exceed 12 pages (10,000 words) in length, including references.

The title of the paper should be as short as is compatible with a clear indication of the subject matter. The title (with subtitle, if any) must not exceed 130 characters. Chemical formulas should not be included in the title. The title of the paper, the name of the author (or authors), location, and any acknowledgments should appear on a separate page.

Footnotes within the text should be numbered consecutively and should appear on a separate sheet.

Tables should be typed on separate sheets and should be numbered. Each must have a brief descriptive title. Tables should be arranged for vertical position on the page, either in single or double column. Every column must be supplied with an appropriate heading. A given set of data may be presented in either chart or tabular form, but not in both.

Illustrations: The preparation of photographs, charts, and graphs is particularly important, and authors are requested to follow very carefully the directions given below.

Half-tone illustrations (photomicrographs and photographs) are designated *figures* and are printed as plates at the end of each article. Figures in moderate numbers will be accepted if they are of good technical quality and essential for the clarity of the presentation. Plates in color and excessive numbers of figures, if accepted, will be charged to the author. Only clear glossy photographs should be submitted. *Mount all photographs on white cardboard so that the edges abut tightly together.* The engraver will then draw a thin line between adjoining figures. Place as many together as will make a plate not to exceed $6 \times 8\frac{1}{2}$ inches. Each figure should include the appropriate number

on a lower corner, and they should be numbered consecutively starting with Figure 1. Legends for plate figures should be typed separately in consecutive order on standard-sized paper with the heading "Legends for Figures."

Line cut illustrations (graphs and charts) are designated *charts* and are printed in the text. These should be numbered in consecutive order starting with Chart 1. Charts should be planned so as to eliminate waste space; they must be ruled off close to the area of the curves, and descriptive matter must not extend beyond the curves. Charts must be so prepared that no letter or figure will be less than 2 mm. high after reduction to the size in which it will appear. Generally they will be reduced to fit either the one- (3-inch) or two- (6-inch) column width of the page. Original line drawings on high quality white drawing paper or board, blue tracing cloth, or coordinate paper *printed in blue* should be used. Typewritten charts are not desirable, as they permit but slight reduction. Only India ink should be used for drawing or lettering. One set is sufficient. Legends for each chart should be typed separately in consecutive order on standard-sized paper with the heading "Legends for Charts."

Mounts of charts and photographs larger than $8\frac{1}{2} \times 11$ inches will not be accepted. When original drawings exceed this size, photographed reductions must be sent.

References should be typed *double-spaced* and should include, in order: author, title, journal abbreviation (*Quarterly Cumulative Index Medicus* form), volume number in Arabic numerals, inclusive pages, and year. Book references should give: author, title, pages, edition number, city, publisher, and year. All references should be checked with the original publications and must be *arranged in alphabetical order*. Each number in the references is to refer to only one paper. Unpublished data and personal communications may not be included in "References" but must be listed as footnotes. For examples of the correct style, refer to any current issue of *Cancer Research*.

Changes in proof: Any but minor changes from the manuscript which are made in proof will be billed to the author.

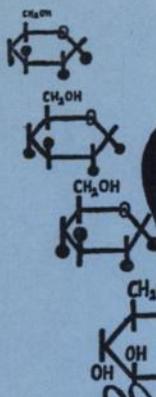
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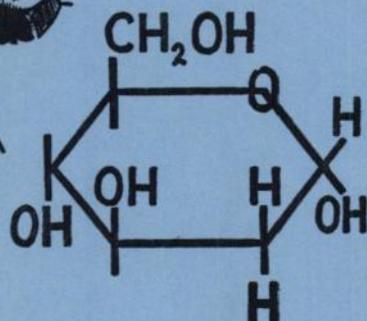
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Howard A. Ball, Arne N. Wick and Curtis Sanders in *Cancer Research* 17, 235 (1957) review earlier work on the anti-tumor activity of glucosamine and of 2-deoxy-D-glucose. They report the results of tests on 60 rats inoculated with Walker tumor 256 in the left axilla. Test animals of this group were injected intraperitoneally with 200 mg. 2-deoxy-D-glucose per day (50 mg. every 6 hours), while controls received either no injection or the equivalent amount of D-glucose. In all treated groups, irrespective of whether treatment was begun immediately after inoculation or 10 days later, the mean tumor diameter was smaller than that of the corresponding controls. The treated animals behaved normally. When treatment was discontinued, the rate of growth of the tumors rapidly approached that of the controls.

Further experimental work on the localization of the metabolic block produced by 2-deoxy-D-glucose has been reported by Arne N. Wick et al. in *J. biol. Chem.* 224, 963 (1957), and G. E. Woodward and M. T. Hudson, *Cancer Research*, 14, 599 (1954) have described the effect of 2-deoxy-D-glucose on the glycolysis and respiration of tumor and normal tissues.

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