

would like to inform your readers that this same problem has been overcome in the School of [Exact and Natural] Sciences of the University of Buenos Aires. This School, one of the ten comprising the University of Buenos Aires, one of the largest universities of the Latin world (with an enrollment of over 50,000), deals with teaching and research in the basic sciences and includes at present six large departments (physics; inorganic, analytical, and physical chemistry; biological chemistry; meteorology; biology; and geology) plus partnership in the School of Engineering of the Department of Industries.

The impact of science and technology in the development of the huge natural resources of Latin America within an imperatively short period is obvious. The leaders in overhauling methods in the School of Sciences have been aware of this, as well as of the problem raised by Hardin. Hence, all students of the School (including, of course, the ever more numerous students of mathematics and physics) are required to take a short but intensive course in biology. One of the arguments for establishing this requirement was that no student of the sciences can utterly ignore one of the main fields of science. Insofar as the "other" sciences are concerned, the curriculum establishes also at least two full semesters of physics and two of chemistry for all students of the School.

Notwithstanding the fact that the overhaul mentioned has been partially based on the university system that has found great favor in the United States, the obligatory courses that I have pointed out give students of all branches a broader view of science in toto.

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Statue of Claude Bernard

C. D. Leake [*Science* 134, 2069 (1961)] was quite right in his statement, which appeared under the excellent photograph of a bronze memorial of the celebrated physiologist Claude Bernard (1813-78), that this statue was melted by Germans who occupied Paris during World War II. It may interest readers to know that in 1946 a



Fig. 1. The new statue of Claude Bernard. [E. Fauré-Fremiet, Collège de France]

new monument, in stone, was erected on the same spot in front of the Collège de France (Fig. 1). Bernard's pose is different in this second statue, although the memorial is approximately of the same size.

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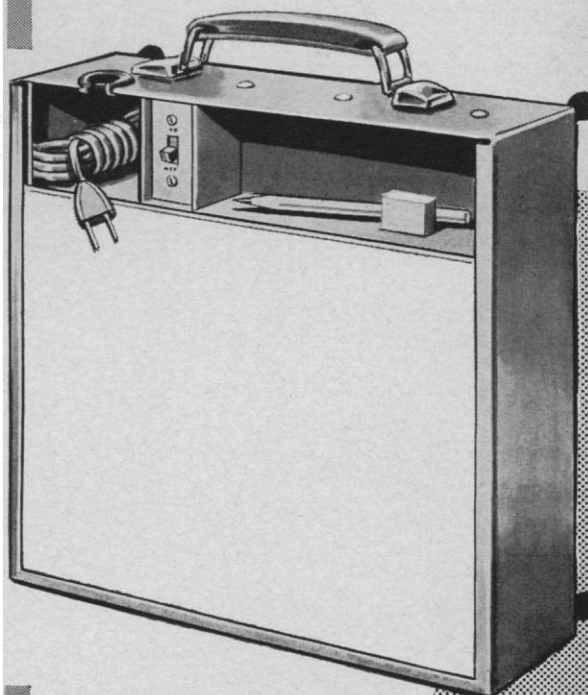
Sparing Action of Folic Acid by Thymidine

The article by Grossowicz and Mandelbaum (1) was commented on by Bolinder (2). In reply, Grossowicz (3) stated that thymidine produced growth in our experiments but not in his system. However, we pointed out (4) that our results showed that although thymidine by itself was ineffective in promoting growth, it significantly reduced the requirement of *Leuconostoc citrovorum* for "citrovorum factor."

The current state of biochemical research in folic acid coenzymes has reached a degree of sophistication not discussed or expressed in the article by Grossowicz and Mandelbaum. Studies by Friedkin (5) indicate that the thymidylate synthetase reaction includes transfer of the 5,10-CH₂- group and dehydrogenation of 5,10-methylene tetrahydrofolic acid to dihydrofolic acid. The reduction of dihydrofolic acid

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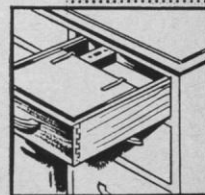
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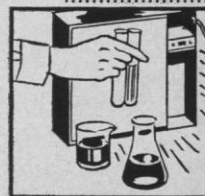
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