

that, in the case negative results were obtained (as, for instance, in the blood transfusion experiments carried out some 85 years ago by FRANCIS GALTON) it would not be possible to claim that their technique was at fault.

The obvious solution of the matter then is to invite Professor KUSHNER or one of his collaborators for a stay at some Genetics Department in the United States, Great Britain, Sweden, Switzerland or elsewhere outside of the Russian sphere of influence, place at his disposal all the material needed to perform the hereditary transformations, and have him demonstrate the actual techniques necessary to obtain the results he has described.

A year's stay should be adequate for the most exhaustive tests since, for instance, in the case of the Leghorn-Australorp transformation, even a single generation was enough to produce visible manifestations of hereditary modifications by blood transfusion. The costs of the experiments would be negligible because in those described a small number of birds was adequate for the demonstration.

Hence the only prerequisites for carrying out the proposed program would be (1) the willingness of some institution to provide the necessary facilities (there should be little difficulty in any of the countries mentioned), (2) funds to bring the invited scientist to the place of work and to maintain him there for a year (if the Soviet Union is unwilling or unable to provide them, perhaps, one of the appropriate National Research Councils or other organizations could be induced to contribute to this cause), and (3) the agreement by the Institute of Genetics of the Soviet Academy of Sciences (KUSHNER's affiliation) to cooperate in the proposed program.

Since the matter could most likely be settled by the procedure suggested, it would appear to be in the interest of the latter group to participate in the test outlined. Neither dignity of scientists, nor preoccupation with more important matters could be given as a reason not to take part in this program. The issue should be viewed as entirely a scientific one; no scientist sincerely convinced of the validity of his results would object to an opportunity to demonstrate directly to others how they were obtained.

It is hoped that some institution or University Department will rise to the occasion and enter into negotiations with the appropriate agencies of their own and the Soviet Government.

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University of California, Berkeley, November 19, 1956.

Zusammenfassung

Es wird vorgeschlagen, einen der Sowjetforscher, die über erfolgreiche vegetative Bastardierung von Tieren berichtet haben, einzuladen, seine Methoden in einem westeuropäischen, amerikanischen oder andern Laboratorium zu demonstrieren.

Congressus

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Sämtliche Anfragen sind zu richten an:
Organisationskomitee des Symposiums IUPAC, Technická 5, Praha 6, Tschechoslowakei.

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