

Arthur Rose Cites Benefits of Klenk's Lipid Research

Envisions Discoveries Far Beyond Known Realm of Lipid Research

Following is the presentation address made by Arthur Rose on the occasion of presenting the AOCs Award in Lipid Chemistry, sponsored by Applied Science Laboratories.

This is the second Lipid Award to be conferred by AOCs. The first was presented to Erich Baer for his work on the chemical synthesis of glycerol phospholipids. The occasion was one of the highlights of the Symposium on "Quantitative Methodology in Lipid Research," held at The Pennsylvania State University, Aug. 3-7 1964.

It is my special pleasure to be here this morning to participate in presentation to Dr. Klenk of the AOCs Award in Lipid Chemistry, sponsored by Applied Science Laboratories. First of all, I feel I can properly add a tiny bit to the nice welcome that the Mayor has already given. I do this because I am a native Cincinnatian and graduate of the University of Cincinnati. After nearly forty years elsewhere, I still feel a strong loyalty to the town that gave me my start.

It is also a special pleasure to hear the news that our Award winner, Dr. Ernst Klenk, is in better health. It is fine that he is well enough to really

enjoy and look forward to use of the fruits of his outstanding research accomplishments. We look forward to having him with us at future meetings, and at our laboratories in Pennsylvania. We send our congratulations and greetings through his personal representative here on the platform, Dr. Wilhelm Stoffel.

All of us who have worked toward scientific accomplishments know of the frustrations due to the contrariness and complexity of natural phenomena. It is appropriate that scientists be recognized for conquering these obstacles.

All of us also know the frustrations of trying to get finances, even after one has a good idea for solving a difficult problem. I am pleased that this Award comes without any formal obligation for proposals, justification, or reports. It may be used in any way the recipient believes will aid his research.

I am particularly glad to have a part in this program because I still consider myself a working scientist and engineer. I continually encounter personally the frustrations of science and engineering and financing. I am glad

we are recognizing successful achievement and also providing a modest award to finance further achievement.

I want to close by doing more than pointing out the benefits of a better understanding of lipid phenomena through lipid research such as that of Dr. Klenk and his associates. I want to make a prediction that in the future such research will have benefits far beyond the realm of lipid chemistry as we now know it. These benefits will take the form of applications of products or processes that are now completely unknown and unthought of, except by a few dreamers. In my own special field of separation and purification, I believe that the important new discoveries in the next 50 years will derive from understanding of the separation and purification processes in living systems. It has been said many times that these separations are amazing, but I predict we will now begin to make applications of these, in areas entirely beyond the realm of lipid or bio- or medicinal chemistry. I have been noticing the efforts to develop and perfect an artificial kidney. I notice that chemical engineers and

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Waters Associates, Inc. Sponsor Seminar on Chromatography

Waters Associates, Inc., of Framingham, Massachusetts, sponsored the Second International Seminar on Gel Permeation Chromatography on Sept. 16-17, 1965. The meeting was held at the new Sheraton-Boston Hotel, Prudential Center, Boston, Mass.

The program for the Seminar included technical papers presented by twelve world-renowned polymer chemists. The program schedule also included group discussion periods on the use of gel permeation chromatography (GPC) as a method for determining the molecular weight distribution of polymers such as rubbers, polyethylenes, and polystyrenes. This entire field has grown very rapidly due to the ease by which information of this type can be developed by using GPC as opposed by previous methods which involved tedious work to obtain the same information that now can be obtained in a matter of hours.

The keynote speaker for the dinner meeting on Thursday evening, September 16, was Paul Pigors, Professor of Industrial Relations, Massachusetts Institute of Technology. Dr. Pigors is also associated with both the American Arbitration Association and the National Academy of Arbitrators.

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