



## Division of History of Chemistry American Chemical Society

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January 6, 2023

Ms. Lisa M. Browar, President  
Linda Hall Library  
5109 Cherry Street  
Kansas City, MO 64110-2498

Dear Ms. Browar,

On behalf of the Division of History of Chemistry of the American Chemical Society (HIST), we are very pleased to inform you that the Linda Hall Library has been selected to receive our Certificate of Appreciation. For the past many years, the Linda Hall Library through its Digital Projects Graphic Design Team has provided the Division very high-quality digital scans of pages from old and very old chemistry journals. These digit scans have been used as the basis graphics for the manufacture of award plaques for one of HIST's award programs. Please let me explain.

For the past 17 years, HIST has celebrated the most seminal achievements in chemistry and the molecular sciences by identifying those achievements and awarding the institutions at which they were made a handsome award plaque. Those plaques always contain key text and/or graphics from the journal or book in which the breakthrough publication was first announced. The program is called "Citation for Chemical Breakthrough." It is fully described in an extensive website:

[http://acshist.scs.illinois.edu/awards/citations\\_chem-breakthroughs.php](http://acshist.scs.illinois.edu/awards/citations_chem-breakthroughs.php) Examples of awardees include: Watson and Crick's discovery of the structure of DNA; Mendeleev's discovery of the periodic table; Pasteur's discovery of molecular chirality; Lauterbur's discovery of magnetic resonance imaging, etc. Illustrations of several of these plaques are attached.

We seek help from the Linda Hall Library as the library of last resort. When no other library can help us, we go to you. Without Linda Hall Library's scans, there would be no graphics for many of our awards. You can see how much you have helped us!

Over the years, several of your staff have responded to our calls. Most recently, Jon Rollins has helped us.

We have acknowledged Linda Hall Library on our website, cited above. But today, we are very happy to provide our highest award for Linda Hall Library's contributions, our Certificate of Appreciate in the form of an award plaque.

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We hope you will display the award plaque in a location that will tangibly illustrate the appreciate that we and surely many others feel toward the Linda Hall Library. We would also be happy to arrange for an award ceremony. We would be happy to send a representative of HIST to the Linda Hall Library at a date that would suit your own schedule. We believe that the Kansas City Local Section of the ACS meets on occasion in Kansas City. Perhaps a presentation at a Local Section meeting would be suitable for you. We would also be please to arrange for a ceremony at one of the ACS National Meetings (the next several are in Indianapolis (March 26-30, 2023) and San Francisco (August 13-17, 2023).

One of us (JIS) will be happy to work with you regarding a ceremony, should you wish to have one.

In summary, this is our best way of signifying our appreciation to the Linda Hall Library.

Sincerely,



Arthur Greenberg, Ph.D.  
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Jeffrey I. Seeman, Ph.D.  
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Mendeleev statue and plaque in Saint Petersburg State University.



The President of the University of Würzburg, at their celebration.



Division of the History of Chemistry  
American Chemical Society



## Citation for Chemical Breakthrough

Watson, J. D.; Crick, F. H. C. *Nature* 1953, 171, 737-738.



We wish to put forward a radically different structure for the salt of deoxyribose nucleic acid. This structure has two helical chains each coiled round the same axis (see diagram).

The novel feature of the structure is the manner in which the two chains are held together by the purine and pyrimidine bases.

..... it is found that only specific pairs of bases can bond together. These pairs are: adenine (purine) with thymine (pyrimidine), and guanine (purine) with cytosine (pyrimidine).

It has not escaped our notice that the specific pairing we have postulated immediately suggests a possible copying mechanism for the genetic material.

J. D. WATSON  
F. H. C. CRICK

Medical Research Council Unit for the  
Study of the Molecular Structure of  
Biological Systems,  
Cavendish Laboratory, Cambridge

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Presented to the Medical Research Council  
Laboratory of Molecular Biology, Cambridge, England

2007

Watson and Crick, Cambridge, England.