Alfred Bader funds

Correspondence

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April 11, 2005

Dr. Alfred Bader Astor Hotel Suite 622 924 East Juneau Avenue Milwaukee, WI 53202

Dear Alfred:

I regret not seeing you at the recent ACS meeting in San Diego. I hope you are doing well.

I am sending you a little gift from the South. Enjoy!

Best personal regards,

Hiram S. Allen





28th May 2003

DEPARTMENT of CHEMISTRY

The University of Edinburgh The King's Buildings West Mains Road Edinburgh EH9 3JJ

> Fax 0131 650 4743 Telex 727442 (UNIVED G)

Email

Telephone 0131 650 1000

or direct dial 0131 650

Dr. A Bader, 924, East Juneau, Suite 622, Milwaukee, Wisconsin 53202, USA

Dear Dr. Bader,

Thank you for your letter of 6^{th} May. I am delighted to be the 2003 recipient of the Bader Award and I am pleased to have this opportunity to thank you for your generosity to the RSC which has made the Award possible. Though I am by no means the first Scot to receive the Bader Award, I believe I am the first to have made his career in a Scottish university.

Of course I shall be glad to contribute an article on my work to *Aldrichimica Acta*; Drs. Chris Hewitt and Sharbil Firsan have already been in touch with their official invitation.

I'm sorry that you will not be in London for the official presentation next week, but look forward to meeting you again, in Edinburgh, in December 2003.

Yours sincerely,

Dr. Hamish McNab

Tel: 44 131 650 4718 Fax: 44 131 650 4743

E-mail: H.McNab@ed.ac.uk

Parish Mersel





technology

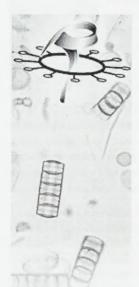
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Overview and History

Materia Incorporated is a leader in developing and commercializing solutions to complex problems in Life Sciences, Polymers and Materials Science, and Chemical Manufacturing. The company practices innovative and proprietary Metathesis and Organocatalysis™ Technologies to provide sustainable cost advantages in the production of small, medium, and large molecules while simultaneously enabling previously unattainable features, qualities, and substances to be obtained.

Materia Inc. was founded in 1997, originally as Advanced Sports Materials, with a mission to commercialize metathesis polymer technology invented and developed at the California Institute of Technology. Following the rapid development of the firm's metathesis technology and the expansion of the company's core technologies, the company changed its name to Materia and began pursuing applications in broader materials and Fine Chemical markets. The continued expansion of the company's technology platform includes the addition of asymmetric metathesis catalyst technology and Organocatalysis for the production of chiral building blocks, intermediates, and active pharmaceuticals.





2003 ACS NATIONAL AWARD WINNERS

Recipients are honored for contributions of major significance to chemistry ACS Award for Creative Research in Homogeneous or Heterogeneous Catalysis



You know you've hit the big time in chemistry when a compound you designed is available commercially. The same can be said if your name turns into a chemistry term that's mentioned repeatedly in scientific circles. And there's no question you've made a mark on science if your chemical discoveries are used in laboratories around the globe or your story makes the cover of *Chemical & Engineering News*.

But when you're credited with all of those things--as **Robert H. Grubbs** is--then you're held in the highest esteem by leading scientists of the day.

Grubbs, a professor of chemistry at California Institute of Technology, is well known for his numerous contributions to homogeneous catalytic chemistry. For example, in the early 1980s, his research group isolated and characterized the first metallacyclobutane complex capable of catalyzing olefin metathesis reactions--a family of reactions in which the moieties connected to a carbon-carbon double bond are rearranged. The work led to mechanistic understanding of the role of metal-carbene complexes and to the discovery of a new class of polymerization catalysts.

More recently, Grubbs and coworkers discovered a class of ruthenium-alkylidene olefin-metathesis catalysts that is remarkably tolerant of polar functional groups and even works efficiently in proton-bearing solvents. The discovery opened new synthesis routes for preparing functionalized polymers in aqueous solutions. Those findings were followed by advances in ring-closing metathesis chemistry. Specifically, the Caltech group showed that the Grubbs ruthenium catalysts could be used efficiently and selectively for constructing C5C bonds--even with sterically hindered and highly functionalized chemical species.

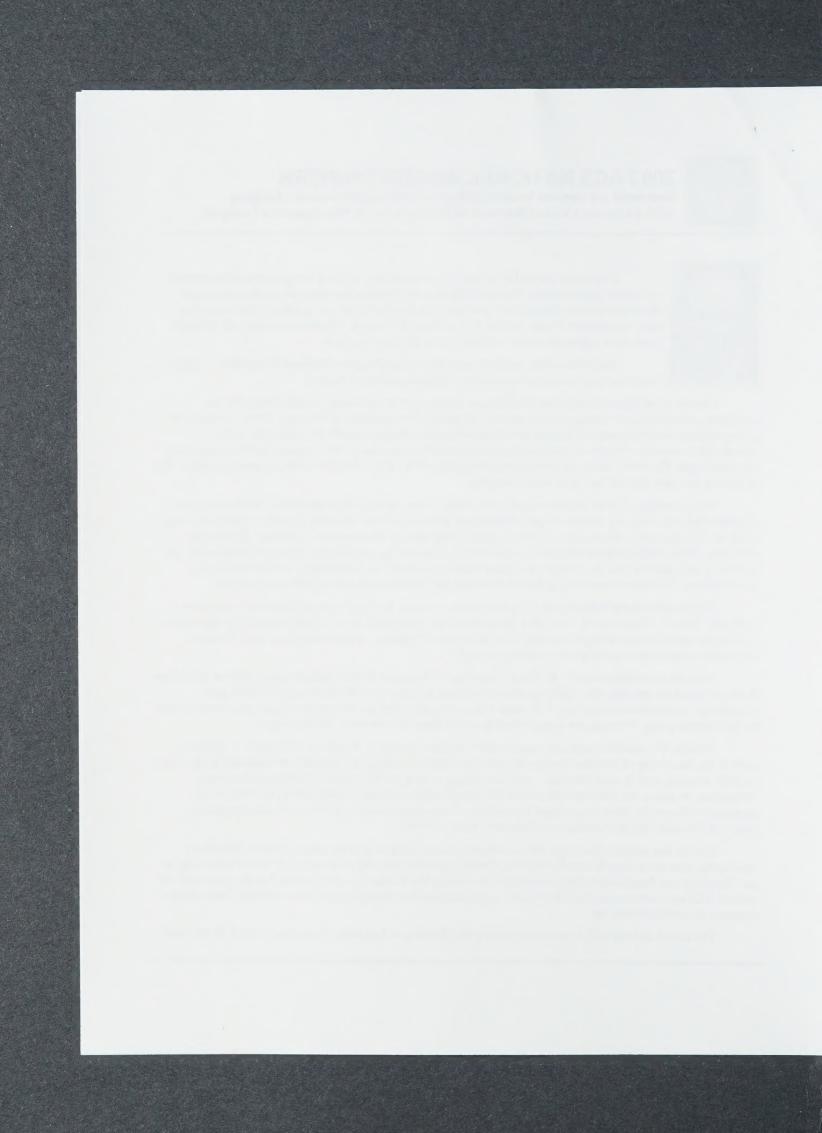
The breakthroughs made big news in the synthesis world. As Northwestern University chemistry professor Tobin J. Marks puts it, "the rapid and widespread acceptance of the Grubbs reagent by researchers around the world for preparing everything from large natural products of pharmaceutical importance to catenanes to peptides is nothing less than phenomenal."

And just as enthusiastically, K. Barry Sharpless, a Chemistry Nobel Laureate and professor at Scripps Research Institute, remarks that "nothing advances chemistry more than the discovery of useful and completely unprecedented reactivity." He adds that as a result of the spectacular metathesis discoveries made by the Grubbs group, "we are now living through one of those rare moments in chemistry."

Grubbs, 60, earned a bachelor's degree and a master's degree in chemistry with Merle A. Battiste, both at the University of Florida, Gainesville. He then obtained a Ph.D. in chemistry at Columbia University in 1968 working with Ronald Breslow. After completing a National Institutes of Health postdoctoral fellowship, he joined the chemistry faculty at Michigan State University, East Lansing, in 1969, as an assistant professor. In 1978, he accepted the position of chemistry professor at Caltech and was named Victor & Elizabeth Atkins Professor of Chemistry there in 1990.

Grubbs has written more than 400 scientific research papers and is an author of some 40 patents. Among his numerous awards and distinctions, Grubbs has been honored as an Alfred P. Sloan fellow and as an Alexander von Humboldt fellow. In addition to winning the Arthur C. Cope Award, Grubbs has received several ACS national awards, including those for organometallic chemistry, polymer chemistry, and creative research in synthetic methods.

The award address will be presented before the Division of Inorganic Chemistry.--MITCH JACOBY





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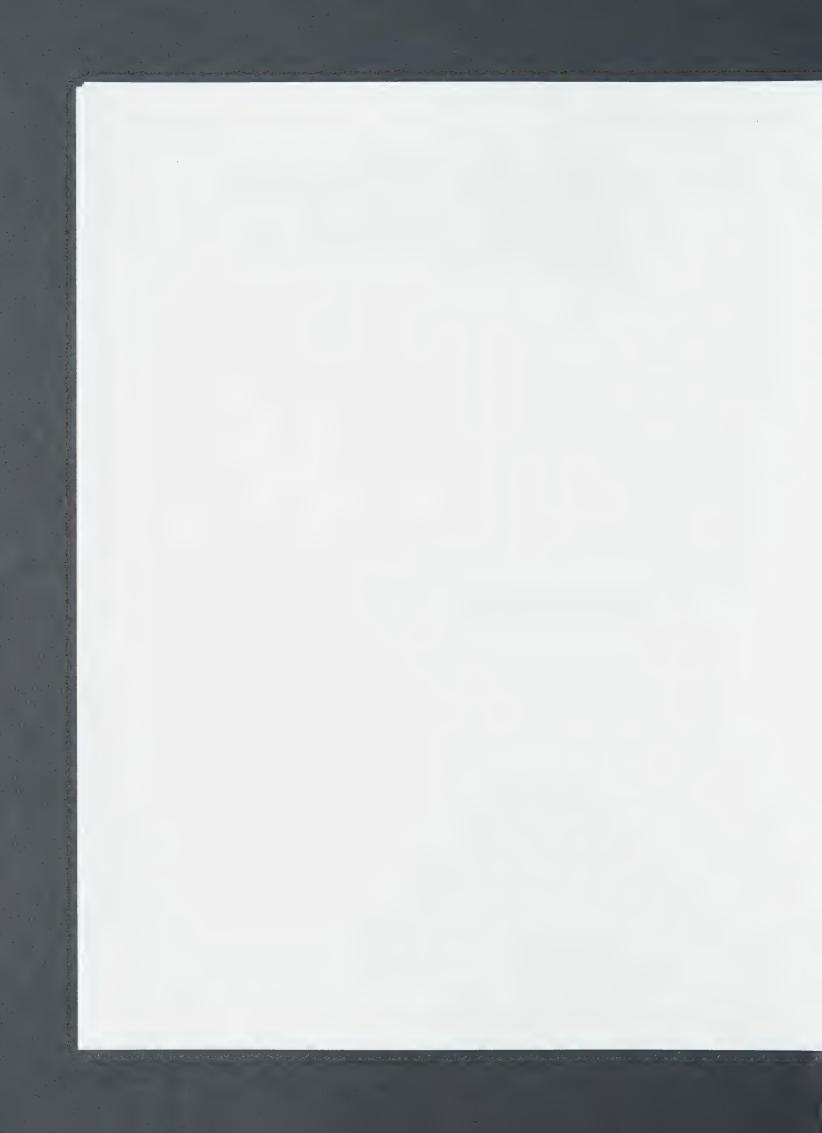
Dr. Michael A. Giardello is a founder of the company and serves as President and CEO. From 1993 - 1995, Dr. Giardello was a post-doctoral fellow with Professor Grubbs at Caltech. He then founded a technology consulting firm serving numerous established and start-up companies commercializing catalyst and resin technologies as well as venture capital firms as a consultant to manage all aspects of technology and start-up corporate development. In October 1997, Dr. Giardello co-founded Materia (then Advanced Sports Materials, LLC) and served as Executive V.P. and CTO from January 1998 until February 1999 when he became President & CEO.

Dr. Richard A. Fisher is the VP of Marketing and Business Development at Materia. Previously he was responsible for the business performance of the Fine Chemicals and Specialty Epoxides businesses of ATOFINA Chemicals. In addition to his business experience Dr. Fisher has a strong technical background having received his Ph.D. from MIT in 1989 and having been a post-doctoral fellow with Dr. Grubbs at Caltech from 1990 -1992. He brings to the firm eight years of corporate research and business development experience with Exxon Chemical (now ExxonMobil) and Elf Atochem N.A. (now ATOFINA Chemicals) and holds numerous patents in catalysis.

Dr. Mark S. Trimmer is Executive VP and the VP of Materials R&D at Materia. Dr. Trimmer received his B.S. from Penn State in 1983 and his Ph.D. in Chemistry from Caltech in 1988. Dr. Trimmer brings eleven years of experience at Maxdem, an entrepreneurial startup company, where he was involved with the development of a new class of high-performance thermoplastics and their corresponding markets, applications, and products. He has numerous publications and patents in these technical areas.



Dr. Richard L. Pederson is the Director of Fine Chemicals R&D at Materia. Dr. Pederson received his B.S. From the University of Wisconsin in 1985 and his Ph.D. in Organic Chemistry from Texas A & M University in 1990. Dr. Pederson has spent the last ten years in entrepreneurial start-up companies developing new routes to insect pheromones and pharmaceutical intermediates while also managing numerous projects and technical personnel. Dr. Pederson is the author of numerous patents and publications including key patents related to the use of metathesis in the production of insect pheromones.





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Materia's Board of Directors includes a former FDA Commissioner, the current President and CEO of the Scripps Research Institute, a member of the National Academy of Sciences, and a Director from a Fortune 500 Company as well as representatives from our lead investors.

Mr. Robert Stewart, Chairman of the Board, Materia, and Founder, The Stewart Company, a diversified manufacturer and distributor of parts for the international automobile industry.

Mr. John Safer, Chairman (Ret), Board of Directors, Nations Bank, Washington, D.C.

Dr. Michael A. Giardello, President, CEO, and CTO Materia.

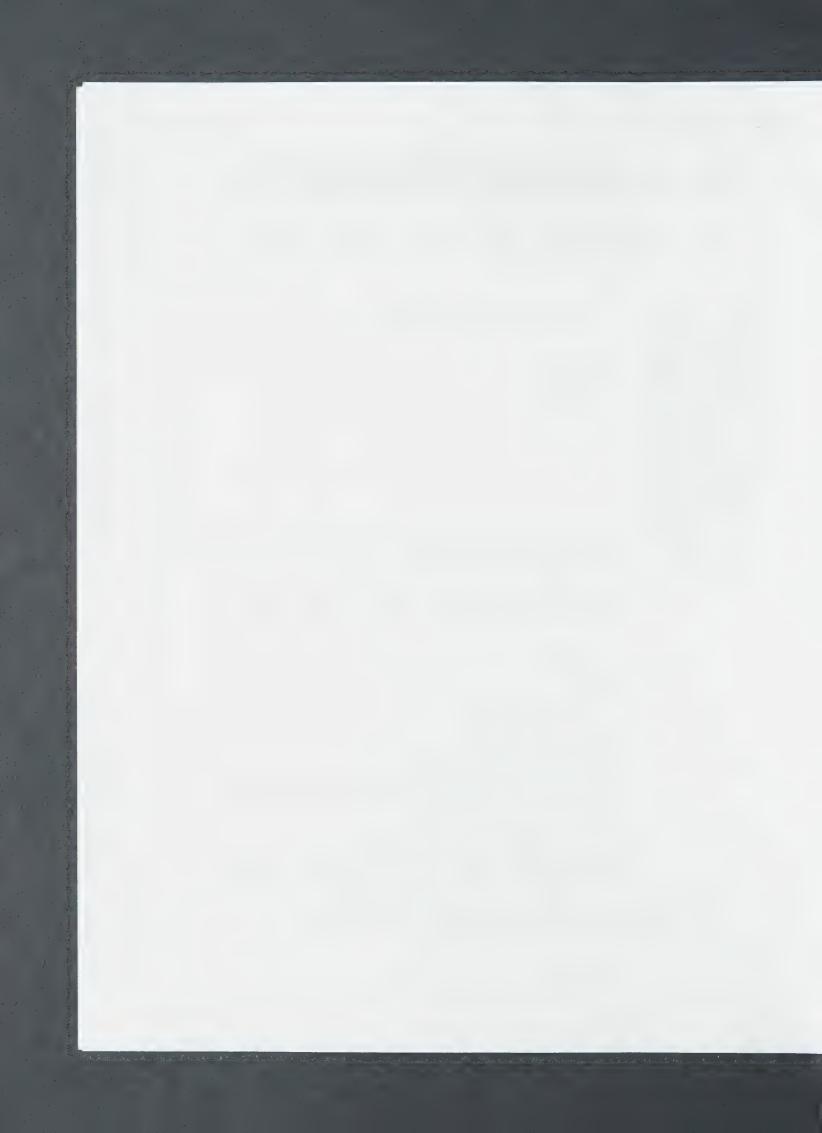
Mr. James R. Mellor, Chairman and CEO (Ret.) of General Dynamics.

Dr. Charles Edwards, Former FDA commissioner, President & CEO (Ret), Scripps Institutes of Medicine & Science.

Dr. Robert Grubbs, Victor and Elizabeth Atkins Professor of Chemistry, California Institute of Technology and member of Materia's Scientific Advisory Board.

Dr. Jack Kavanaugh, President CLEAR Investment Group.

Dr. Richard Lerner, President & CEO, The Scripps Research Institute, Professor of Chemistry and member of Materia's Scientific Advisory Board.





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Robert H. Grubbs

California Institute of Technology.

Richard R. Schrock

Massachusetts Institute of Technology.

Amir H. Hoveyda

Boston College.

David W. C. MacMillan

California Institute of Technology.

Paul R. Hanson

University of Kansas

Richard A. Lerner

The Scripps Research Institute.

Mark J. Burk

Diversa Corporation.

Peter G. Schultz

The Scripps Research Institute.

Kim D. Janda

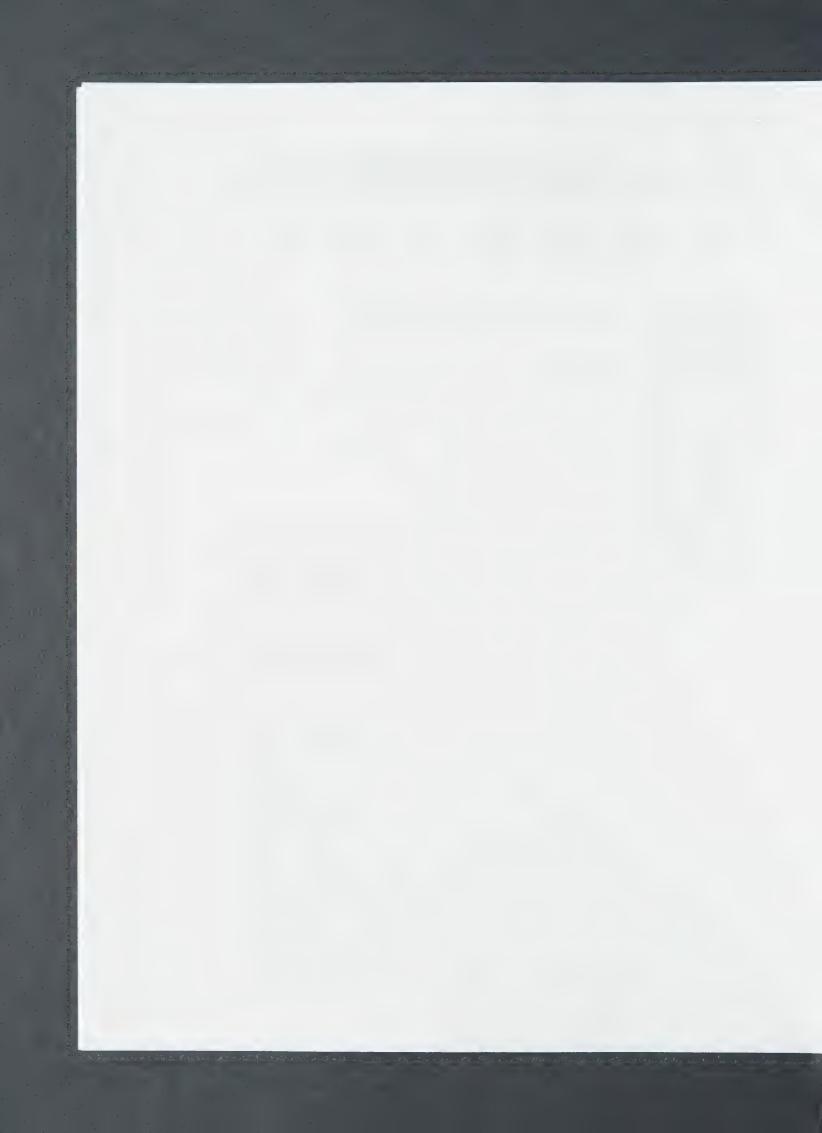
The Scripps Research Institute.

Ken B. Wagener University of Florida, Gainsville.

Brian Stoltz

California Institute of Technology.

Robert J. Pangborn



Materia's	Scientific	Advisory	Board

http://www.materia-inc.com/s_a_board.html

Independent consultant.

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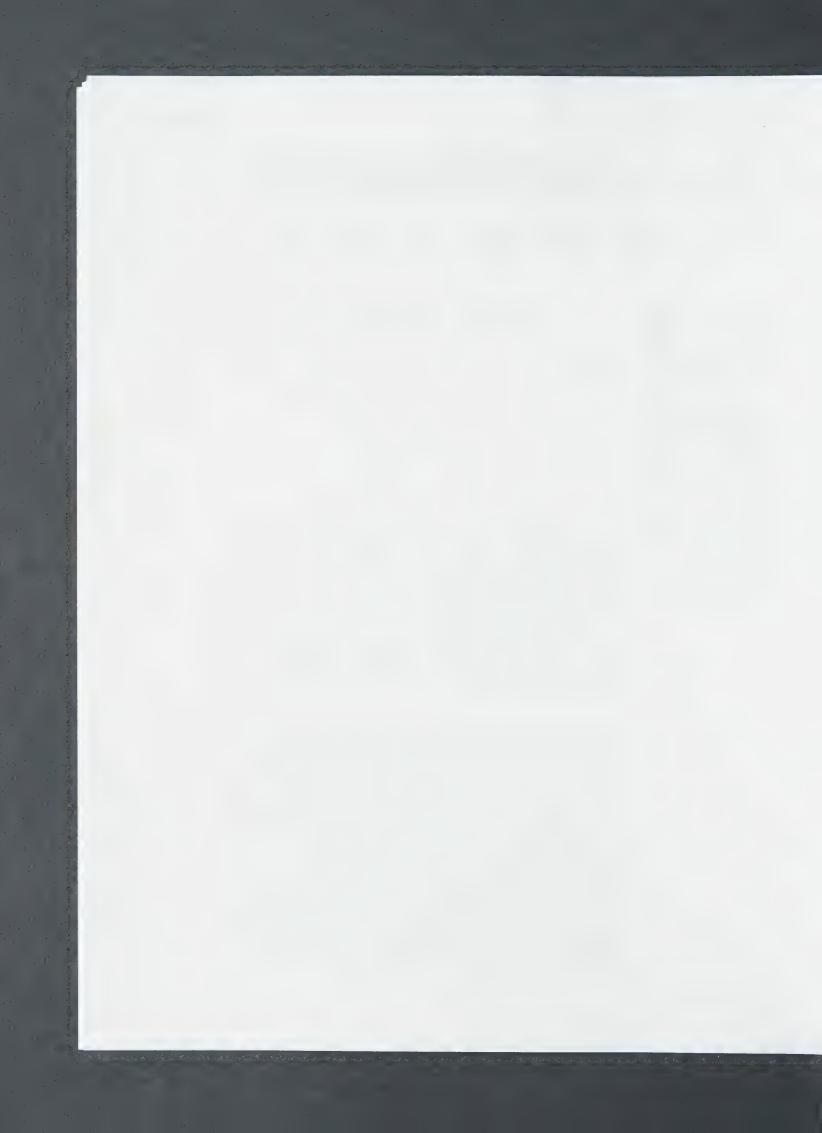
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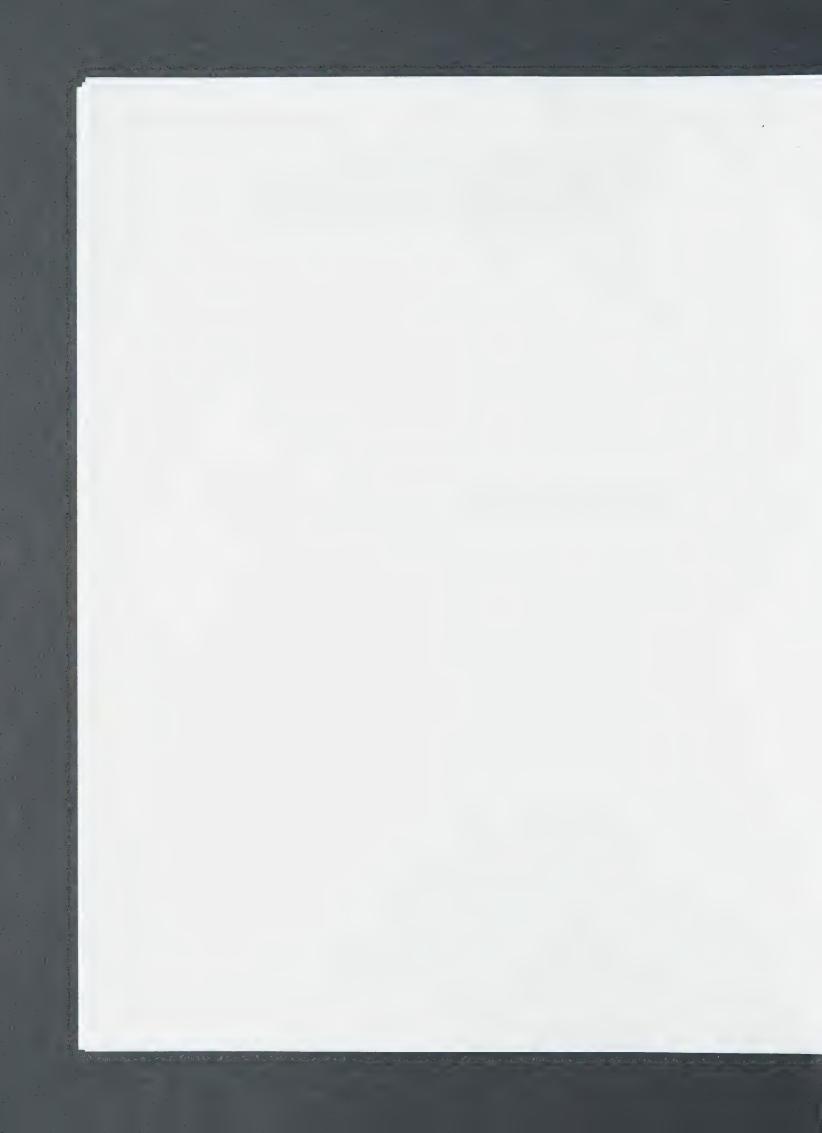
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Materia has sought to leverage its technical and business resources and accelerate downstream product development by establishing strategic alliances with industry leaders in the many markets impacted by its technology. These relationships vary from research funding and option agreements, technical collaborations and cross-licensing agreements, exclusive supply agreements, joint marketing efforts, and formal partnering through equity participation. Materia is developing alliances with a wide range of life science and fine chemical companies. Three drugs, currently in clinical trials, utilize Materia's proprietary technology in an enabling synthetic step, while numerous drug candidates are also in preclinical development. Materia is also working with several materials and chemical companies in an effort to commercialize metathesis enabled polymer systems. Easton Sports has recently launched a baseball bat incorporating Materia's proprietary poly-DCPD technology.

Additionally, Materia is linked to several prestigious academic institutions through its scientific advisory board and its in-licensing activities. These institutions include: Caltech, MIT, UC Berkeley, Boston College, The Scripps Research Institute, and University of Florida as well as several global chemical/material companies. By far, Materia's closest and most important partner is Caltech. Fueled by the discovery research in Professor Grubbs' laboratory, metathesis chemistry and its application to numerous synthetic disciplines impacts all aspects of Materia's applied research and product development efforts. The firm's participation in the rapid development of metathesis technology has also enabled a close working relationship with Professor R. R. Schrock of MIT and Professor Amir H. Hoveyda of Boston College. These two collaborators are renown for their work in Asymmetric Olefin Metathesis Catalysis and its applications. Dr. Schrock and Dr. Hoveyda are both members of Materia's Scientific Advisory Board and actively participate in the firm's efforts to commercialize the new technology. Materia's exclusive rights to the Schrock/Hoveyda technology bring together the two most prominent researchers in metathesis, Dr. Grubbs and Dr. Schrock. The final technology inventor, Professor Dave MacMillan, is also on the Caltech chemistry faculty and a member of Materia's



Scientific Advisory Board. Dr. MacMillan's innovative OrganoCatalyst™technology compliments Materia's core metathesis technology and dramatically extends its suitability to pharmaceutical synthesis. Materia's exclusive access to this remarkable technology is reflective of the firm's established success in working with Caltech, its innovative faculty, and its Office of Technology Transfer.





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Products and Markets

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Materia provides its proprietary catalysts, process technology, and services to its strategic partners and their licensees, as well as to Materia's co-development partners.

For research purposes, the company offers a family of metathesis catalysts and OrganoCatalysts $^{\text{TM}}$ through $\underline{\text{Sigma-Aldrich}}$ and by direct sales. Materia also offers novel chiral building blocks, Starting Blocks $^{\text{TM}}$, derived from the firms proprietary catalyst technology.

CATALYSTS



DOWNSTREAM PRODUCTS

The year 2001 marked the firm's first direct downstream product sales in both the Materials and Fine Chemicals industries. <u>Easton Sports</u> initiated the commercialization of new archery and baseball products based on Materia's Poly-DCPD technology. During the initial stages of such commercialization efforts, Materia will often manufacture products to ensure the highest possible level and quality of technical support for the commercial implementation of its technology.







Dr. Alfred Bader

924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709 E-mail: baderfa@execpc.com

A Chemist Helping Chemists

April 10, 2001

Professor Paul R. Jones, Editor Bulletin for the History of Chemistry Department of Chemistry University of Michigan 930 N. University Avenue Ann Arbor, MI 48109-1055

Dear Paul,

Thank you for your letter of March 15th.

We enjoyed the convention in San Diego, but there was a great deal of overlap of interesting papers and I only listened to one paper in the historical division. That was on Degussa and not a very brilliant talk. Unfortunately I didn't have a chance to chat with you.

I was really surprised that Professor Rubin left Loschmidt out of his discussion of ozone. I hope that he will send you a note; if not, I will.

With all good wishes I remain

Yours sincerely,

Alfred Bader AB/az Enc.



Alfred Bader Fine Arts

From: Petr Beòovský [benovsky@chemi.muni.cz]
Sent: Friday, December 22, 2000 3:48 AM

To: baderfa@execpc.com

Subject: Holiday

Dear Dr. Bader,

I would like to wish you very Merry Christmas and even more successful start to the new millenium.

Thnak you again for your generous money donation.

Very best regards,

Petr Benovsky

Masaryk University
Department Organic Chemistry
Brno Czech Republic



Subject: Fw: Anglicky preklad laudatia

Date: Wed, 7 Jun 2000 18:25:11 +0200 From: Matou¹ <normat@pce.czcom.cz>

To: <baderfa@execpc.com>

Dear Alfred,

I am sorry I sent you demand concerning $% \left(1\right) =\left(1\right) +\left(1\right) +\left($

If you are not in Milwaukee already, I ask your secretary to kindly send these messages by fax to England. Thanks.

---- Pùvodní zpráva ----

Od: Michael Dolezal <dolezal@rect.muni.cz>

Komu: <noromat@pce.czcom.cz>
Odesláno: 7. èervna 2000 9:48

Pøedmìt: Anglicky preklad laudatia

> Pane inzenyre,

>

> dovoluji si Vam zaslat preklad laudatia do anglictiny.

> Michael Dolezal

>

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Type: Winword File (application/msword)

Encoding: base64



Subject: INTERVIEW IN BRNO, CZ

Date: Wed, 07 Jun 2000 10:03:35 +0200

From: Michael Dolezal <dolezal@rect.muni.cz>

Organization: Masaryk University

To: baderfa@execpc.com

CC: noromat@pce.czcom.cz

Dear Dr. Bader,

I would like to discuss with you one related issue. I was contacted today by LIDOVE NOVINY, one of the prestigious newspapers in the Czech Republic. They would like to arrange for a 45 minute interview while you are in Brno. Since I am in charge of the ceremony only, I do not have any information about the rest of your program in the Czech Republic so I do not dare to interfere with your plans.

I would be very happy if you could kindly contact Mr. Pavel Palecek, journalist, (pavel.palecek@lidovky.cz) and arrange for a suitable time and place. Please cc me the answer. I am also forwarding this message to Mr. Matous who will accompany you.

As for the timing on June 12, the ceremony starts at 10 a.m. and it is followed by buffet-lunch at about 11 a.m.

Sincerely yours,

Mike Dolezal Masaryk University



Subject: Isabel and Alfred in the CR

Date: Wed, 7 Jun 2000 18:16:06 +0200 From: Matou¹ <normat@pce.czcom.cz>

To: <baderfa@execpc.com>

Dear Alfred,

In enclosure I send you <u>unofficially</u> LAUDATIO you will hear as Honorary Doctor in MU Brno. I hope you will be satisfied. It corresponds in principle with your speech and it is good.

Today you have also received e-mail from M.Dolezal MU Brno concerning interview for LIDOVE NOVINY newspapers. I think that 45 min. is too long and we must save our time for Lomnice! There is some surprise for you there and we will spend here about 2 hours. This visit is more important for you, I am sure.

By separate post I will also send you some demand from MU concerning another interview for University News, with several questions, if you will be willing to accept it.

With best regards to you and Isabel

Vladimir

7.6.2000

pro ing. Matouse od doc. Skurskeho.eml

Name: pro ing. Matouse od doc. Skurskeho.eml

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Encoding: 7bit



Dr Alfred Bader, who is being honoured by Masaryk University today, is a distinguished chemist. His other activities make him a significant personality of the Renaissance type. It is very difficult to draw his portrait in a few minutes.

He was born into a Jewish family in Vienna in 1924. Both his parents were from Moravia. He encountered anti-semitism from his childhood on, but the greatest danger threatened after Hitler's annexation of Austria. His father had already died and there was a danger that he would be transported to a concentration camp together with his relatives.

Fortunately, his aunt managed to obtain for him one of the ten thousand entry visas for Great Britain. The British issued these visas after the "Night of the Broken Glass" (Kristallnacht) to protect Jewish children who did not have relatives living outside Germany.

Shortly after the fifteen-year-old Alfred had settled in with his British guest family, the British government began to be concerned that once the war began there could be a security risk of espionage among the refugees it had accepted.

So the young Bader, together with many others, was transferred to an internment camp in Canada and was given a strong taste of life behind barbed wire.

A Canadian humanitarian organisation noticed Bader's talents and ensured that he was given a secondary education. Later he went on to take his first degree at Queen's University in Kingston.

In his autobiography Bader recalls with emotion that at this school he was treated as an equal among equals for the first time in many years.

He was awarded a doctorate in organic chemistry by Harvard University in the United States in 1950. The content of his twenty-five page communication in a journal was to be the basis for many significant later publications.

He was fascinated by the synthesis of unusual organic compounds and he recognised their potential importance.

Even during his studies for his Ph.D., he had noticed that experimental work was hampered by the fact that basic and auxiliary chemicals could not be easily purchased and had to be prepared again and again, often laboriously.

In 1954, he founded the small firm of ALDRICH CHEMICALS for the production of chemicals according to the individual needs of researchers. He soon came to be known as the "chemist helping chemists."

The company Bader founded is today the largest supplier of laboratory chemicals in the world. This was made possible gradually by cooperation with the leading organic chemists in the world. They each communicated the results of their work to their colleagues and thus the development of this subject was enormously catalysed.

In 1992, Bader left the company because he did not meet with sufficient understanding for the connection of his business activities with humanitarian and philanthropical activities which increased his prominence in society. The result was that he now devoted himself even more intensively to his personal interests.

It would simply be impossible to list all his activities in this field, in which he is staunchly supported by his wife, Dr. Isabel Bader. The most significant for our university is that their "Isabel and Alfred Bader Fellowships" have helped five graduates of the Natural Sciences Faculty of our university to obtain doctorates at prestigious American universities.

In the Czech Republic, one carefully chosen young organic chemist per year is awarded the "Alfred Bader Prize", which is worth one hundred thousand Czech crowns a year.

Dr. Bader has a high opinion of Czech chemistry, based among other things on his own experience. Even in the nineteen sixties, he frequently travelled to the Czech Republic, purchasing the products of some local laboratories by the clearing method of purchase. In the past ten years, Dr. Bader has devoted considerable time to the study of the history of chemistry. Together with colleagues he discovered that the Czech-Austrian scientist Josef



Loschmidt made significant contributions to the development of scientific ideas about the structure of many important organic chemicals about 140 years ago. Loschmidt is known to the scientific community as an important physicist, but his contribution to structural chemistry was forgotten for many decades. Bader not only rehabilitated Loschmidt but also explained why he was neglected for so many years.

When Dr Bader lectured on this subject in Prague in 1994, the Czech Chemical Society awarded him the Purkyne medal, its highest honour. It is worth noting that Dr Bader holds 15 honours of this kind. He is also the holder of seven honorary doctorates from Anglo-Saxon

universities.

Five years ago on the one hundredth anniversary of Loschmidt's death an international conference on his work was held in Vienna. Again it is characteristic of him that he invited 10 Czech students to this conference, which was instructive for the younger generation too. Four of these students were from Brno.

To complete the picture of Dr Bader, it is also important to mention his activity in the field of Dutch classical painting of the XVI and XVII century. This subject has been Dr Bader's hobby since his youth. Once his commercial success permitted, he became a passionate collector and expert in this field. His own collection in Milwaukee, consisting mainly of pupils of Rembrandt, is well known among specialists.

It is therefore not surprising that Bader's sponsorship activities also cover this area of the fine arts. He has financed students and researchers in the fine arts through the "Czech Society for the History of Art." The recipients of these grants are also members of our academic

community.

Dr Bader has already lectured in Brno on several occasions, mainly on chemistry. In 1995, he impressed hundreds of listeners with his splendidly documented lecture entitled "The Bible Through Dutch Eyes", a study of biblical motifs in Dutch Renaissance painting. Dr Bader has done a great deal for the students of Masaryk University and this honour from

the capital of his parent's home perhaps also has a symbolic dimension.



interview pro Lidove noviny

Subject: interview pro Lidove noviny

Date: Wed, 07 Jun 2000 20:45:44 +0200

From: palp@centrum.cz

To: <baderfa@execpc.com>

Dear Dr. Bader,

please, let me know if there is a chance to make an inteview with you for Lidove noviny daily newspaper during your visit in Brno. I have no idea about your program and time schedule. I am in contact with Mr. Dolezal from Masaryk University. Thank you very much.

Yours sincerely,

Pavel Palecek, Lidove noviny

Objevujte Internet s http://www.centrum.cz Zalo³4te si svuj mail na http://mail.centrum.cz



ALFRED BADER FINE ARTS 4142770709 10/08 01 PA 10:01 FAX +420 5 41211214 MU PRIR, FAKULTA

P. 01

2001

FAX from

Professor Jaroslav Jonas

Department of Organic Chemistry Masaryk University, Brno, CZ

TO

Dr. Alfred BADER. 924 East Juneau Avenue Astor Hotel - Suite 622 Milwaukee, WI, 53 202, USA

Page 1 of 1

FAX No. 00 1 414 277 0709

Dear Dr. Bader,

Neither professor Potáček nor I have anything to add to the Agreement for the Loschmidt Professorship.

As soon as I receive the copies signed by your wife and yourself I will let them be signed by Dean Slovák and send one of the signed copies back to you.

I hope that a suitable candidate will be found to give the Loschmidt Professorship the high standard it calls for. And, needles to say, I am thankfull to both of the Baders for understanding and generosity.

With all good wishes and best regards I remain

Yours sincerely

Jaroslav Janas



MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CHEMISTRY

CAMBRIDGE, MASSACHUSETTS 02139-4307

STEPHEN J. LIPPARD
CHAIR AND
ARTHUR AMOS NOYES PROFESSOR

ROOM 18-498 TEL (617) 253-1892 FAX (617) 258-8150

September 2, 2003

Dr. Alfred Bader 924 East Juneau Suite 622 Milwaukee, WI 53202

Dear Dr. Bader:

Thank you for your kind letter dated August 25, 2003 congratulating me on receiving the 2004 Alfred Bader award in bio-organic/bio-inorganic chemistry.

I do remember meeting you and look forward to the opportunity to renew our acquaintance. It is an honor to be the recipient of an award that carries your name.

With best wishes,

Sincerely

SJL/dj



FAX MESSAGE

TO : Dr. Alfred Bader

zidi, Morun Shopard Ave. MILWAUKEE, Wisconsin 53211 (U.S.A.)

FROM : Riccardo Michahelles

V.le del Poggio Imperiale, 15
50125 - FLORENCE (Italy)

Fax no. (055) 22 41 33

Dear Mr. Bader,

How are you ?

After the meeting held with Dr. Corsi several months ago, upon your request, Dr. Corsi has made an investigation in regards to a possible investment of you and/or joint-venture in an emerging growing firm which will soon operate in the biotechnological sector.

This plant will be operative in Southern Italy; the choice of the location is also due to fiscal advantages, free allocation of funds and other sorts of incentives assigned from the Italian government for the regions of the 'Mezzogiorno' (South).

Some typical examples are: the newly established 'Texas Instruments' plant in the region of Marche built for the production of microchips and considered the most modern and innovative plant in Europe of that kind and the 'Fiat' plant of Melfi which is on undergoing construction and will be the most modern and technologically advanced of all the ones of its group.

The holding company of this biotechnological concern, which is now on undergoing construction, has Cash for LIT. 400 billion (USD 300 million circa) and no Debts. Dr. Corsi has already met with its top management who might be interested to meet with you.

Beforehand, they requested to Dr. Corsi a curriculum of yours and/or if you could state which are the biotechnological sectors where you believe that you could bring innovations through your specific know-how and new product lines. This request has been made from this firm in order to seriously take into consideration if a potential cooperation with you (setting up a joint venture for a specific purpose, exchange of participations, the hiring of you as the consultant of the group, etc.)



would be effective .

Everything will be pursued for both parties with utmost discretion under the supervision of Dr. Corsi. If we should arrive to a second phase, Dr. Corsi will organize a meeting with the executive committee to be neid in Italy.

You may send a reply to me via mail or via fax at my address in Florence or directly to Dr. Corsi via mail or via fax at his office in Rome:

> Dr. Giorgio Corsi Via Veneto, 146 00187 RUMA

fax no. (06) 482-6060

ph: (06) 482-6060 (1st line) (06) 482-2190 (2nd line)

NB. Dr. Corsi every week leaves Rome on Friday afternoon at 3:00 pm for Florence and is in Florence from Friday evening at 8:00 pm until Monday afternoon 3:00 pm; Dr. Corsi is in Rome from Monday evening 8:00 pm thru Friday afterment son jat.

In case you would like to reach him also in Florence telephone, his number is: (055) 69 72 17 .

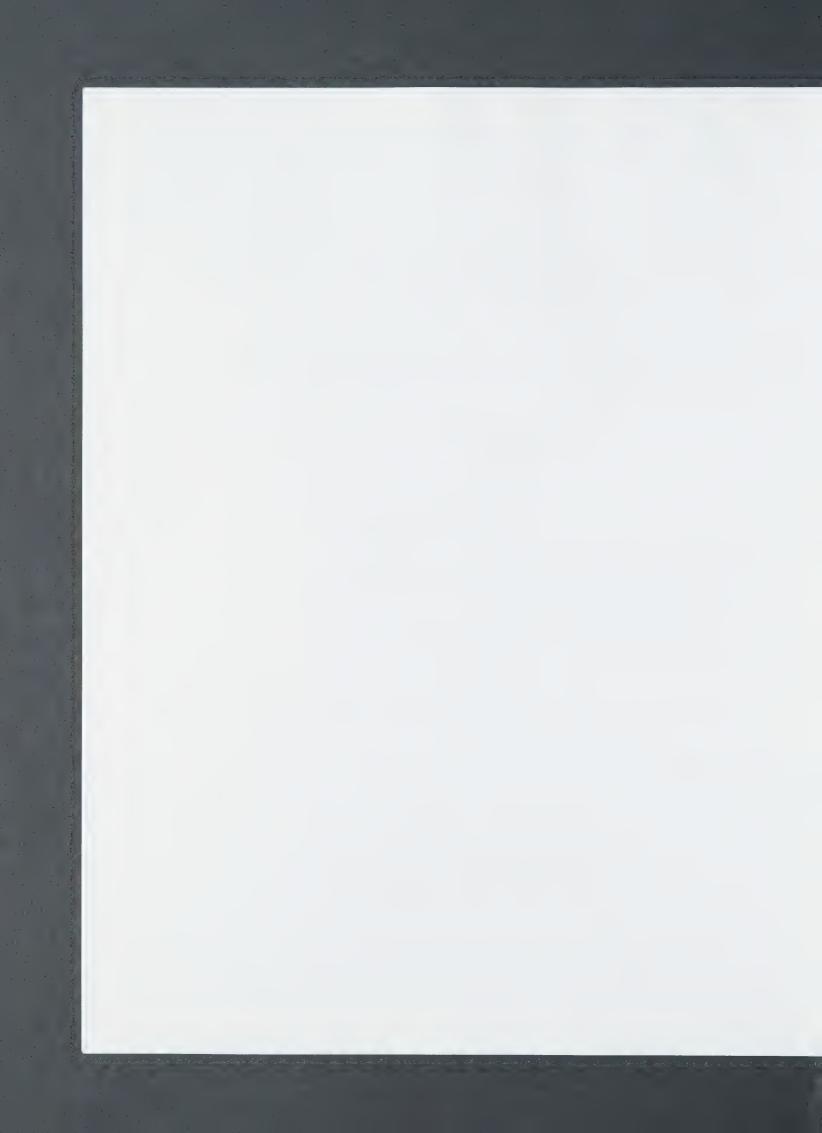
Dr. Coron and I are Looking forward to hear from you soon.

Hest regards,

Riccardo Michahelles

many Hickory letter

For and on behalf of Dr. Glorgio Corsi



FAX MESSAGE

TO: Dr. A. Bader

FROM: Mr. Riccardo Michahelles

Banca Steinhauslin/Florence (Italy) - Portfolio positions Gloria Middeldorf as of Dec. 31, 1992:

- 1,000 shares ITALGAS at Lit. 3182.-
- 2,500 shares STET RISP. at Lit. 1521.-

Subtotal: Lit. 6'984'500.-

Banca Mercantile Italiana/Florence (Italy) - Portfolio position Gloria Middeldorf as of Dec. 31, 1992 :

- 10,800 shares TRIPCOVICH RISP. at Lit. 1'470.
- NB. Tripcovich issued in 1992 a free capital increase giving to shares tree for every 10 already owned.

Subtotal: Lit. 15'876'000 .-

Total: Lit. 22'860'500.- (at 31. 12. 1992)

-----END OF REPORT-----



To: Dr Alfred Bader Bader Fine Arts Milwaukee, WI

From: John G. Bergman ACS section chair Mount Mary College < Milwaukee, WI Fax- 256-1205

258-4810



Re: Sale of Books at the last ACS meeting (Carroll col)

Dear Dr Bader

I just received a note from our treasurer asking how much he should pay you for the books that were sold

I recall \$12.50 per volume, however I want to make sure my memory is not slipping! Is this the correct amount?

Since we sold 10 volumes we should owe you \$125. correct?

Another detail that skipped my mind was, who the check should be made out to?

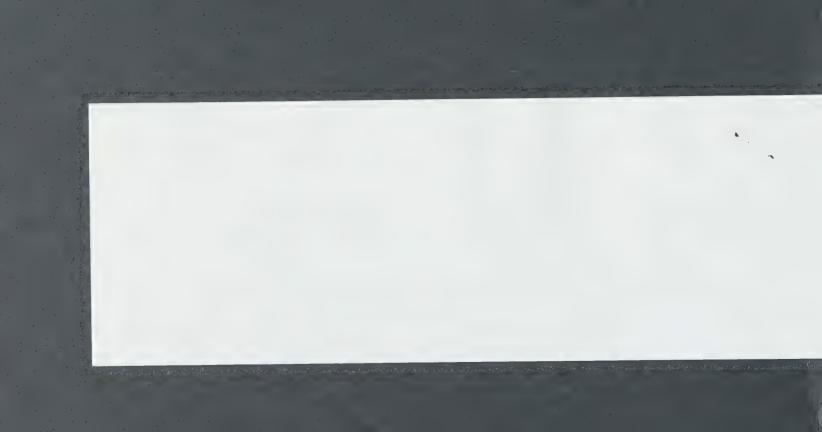
I thank you for your time in this matter and remain

Sincerely Yours, John Bergman ACS section chair Helia Lag Fine Aite

There is



Fig. 4 Fe I fall & I'm Hall & . . .



MASS CHUSETTS INSTITUTE OF THE COUNCY

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Dr. Alfred Bader

924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

March 5, 1996

Professor Satoru Masamune Department of Chemistry Massachusetts Institute of Technology Cambridge, MA 02139

Dear Professor Masamune:

A very able historian of science, Dr. Reinhard Schlögl, of Radio Austria in Vienna, has been commissioned to produce a documentary on science at MIT.

Dr. Schlögl plans to visit MIT this coming May. He has asked me to contact some of the most eminent chemists at MIT to introduce him with the hope that he will be able to speak to you personally about your work.

With all good wishes, I remain,

Yours sincerely,

AB/cw





Dr. Alfred Bader

924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

March 22, 1996

Professor Rick Danheiser Department of Chemistry Room 18-287 Massachusetts Institute of Technology Cambridge, MA 02139

Dear Rick:

It has been a very long time since we chatted last, and I hope that you are well.

A good friend of mine and an able historian of science, Dr. Reinhard Schlögl, has been commissioned by Radio Austria to produce a documentary on science done at MIT.

He will be coming to Cambridge in May and has asked me to suggest the names of really competent chemists to whom he might talk. Of course, I mentioned you.

With all good wishes, I remain,

Yours sincerely,

AB/cw



MASSACHUSETTS INSTITUTE OF TECHNOLOGY

DEPARTMENT OF CHEMISTRY

CAMBRIDGE, MASSACHUSETTS 02139-4307

USA

FROM
GEORGE H BUCHI
PROFESSOR OF CHEMISTRY EMERITUS

ROOM 18-287 TEL (617) 253-1838 FAX. (617) 258-7500

March 19, 1996

Dr. Alfred Bader 924 East Juneau Suite 622 Milwaukee, Wisconsin 53202

Dear Dr. Bader:

Thank you for your letter of March 7 announcing the visit of Dr. Reinhard Schlögl to MIT. Since I am retired and not doing research anymore, I have taken the liberty of showing your letter to Professor Rick Danheiser, Associate Head of our Chemistry Department (MIT Room 18-297) who will receive Dr. Schlögl.

I hope that you are enjoying your retirement.

Kind regards and best wishes,

Sincerely yours,

George Büchi

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Massachusetts Institute of Technology

Department of Chemistry
Cambridge, Massachusetts 02139

Professor Stephen L. Buchwald Room 18-488 617-253-1885 FAX 617-253-3297 e-mail: sbuchwal@mit.edu

March 13, 1996

Dr. Alfred Bader 924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202

Dear Alfred:

I would be pleased to speak with Dr. Schlögl when he visits MIT in May. I am doing a bit of traveling, so I can't guarantee I'll be in town.

I hope all is well with you. I am still grateful for your support during my "formative" years at MIT.

Best regards,

Stephen L. Buchwald Professor of Chemistry

SLB/nmm





Dr. Alfred Bader

924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

October 17, 1995

Dr. Uri Michael c/o 12 Hanurit Street Natanya 42652 Israel

Dear Dr. Michael:

Thank you for your most interesting letter of October 3rd and also your son's letter.

Apparently, you are not aware of the fact that I was expelled from Sigma-Aldrich some three years ago, and so any recommendations I might make for your son would be very counterproductive.

The company has three operations in Israel: Makor in Jerusalem, Bio-Makor in Rehovoth, and Sigma-Israel in Petach Tikva. Perhaps if your son applied either at Makor or Bio-Makor, they would consider him seriously.

My autobiography, published by Weidenfeld, describes the history of the company in considerable detail, and enclose a copy of a page showing a very good photograph of Niels Clauson-Kaas.

With all good wishes, I remain,

Yours sincerely,

AB/cw

Enclosure



Dear Dr. Bader

It has been . very long time since I have had the opportunity to meet you in person. I left Abri some years ago and during the past eight years I have been working as K&D-V.P at Haifa Chemicals, a 150 Ms fertilizers company. Dur corporation is the world's largest provinces of potassium nitrate and a minor producer of pheapheric acid and some derivatives thereof. Throughout the years I maintained contact with my collengues at Niels Clauson Kaas lah in Denmark. As four may know Niels is no longer vetive in the lab and has moved to a small town to miles smith of Farming. As you can see from the attacked latter, my aldest son kan intends to join the January 1976 -lass at Fontainblower Europe's best business school in order to take his MBA lagree. Ron is an ambitions and talented young man. He is now searching after potential schlarship fixeds or companies which may wish to assist students in financing their studies. I alvised him to refer to you as you might have some ideas or looks which could direct him to such potential sources. All the best and Shann Tova to you and your family, Uri Hicker



Dr. Alfred Bader P.O.Box 355 Milwaukee, Wisconsin 53201.

Dear Dr. Bader,

My name is Ron Michael. I am son of Dr. Uri Michael.

Let me start with presenting myself; During the past three years I have been working at S.B.D. - a leading Israeli management consultancy - and during the past year and a half I have filled position of Senior Consultant.

I spent these past years specializing in formulating business strategies for leading Israeli enterprises thus acquiring extensive experience in issues such as turnarounds, M&As and J.V.s, portfolio diversification etc.

My education consists of a Bachelor's degree in Business and an LL.B. degree in Laws, both of which I graduated Cum Laude.

Recently I was accepted to the M.B.A. programme of INSEAD University in Fontainebleau, France. This university is a world-renowned institute committed to educating its students for excellence in management while emphasizing the international aspects of business issues.

The M.B.A. programme is set to commence in January 1996 and is scheduled for one year.

As the expenses of attending this programme are very high I cannot finance the entire cost from my own sources and, as a result, may be forced to cancel my participation in the programme

Consequently, about a week ago I discussed with my father the issue of the possible methods for financing my studies. My father mentioned that one of your enterprises may have set up a scholarship fund to assist excellent Israeli students finance their studies.

Hence, I turn to you in a request to weigh my eligibility for receiving a scholarship or some other form of financial assistance. In return, upon graduation I shall be willing to make myself available for employment by one of your enterprises.

I would be pleased to reply to any further queries you may have or to supply additional data and/or recommendations. Naturally, I shall be delighted to meet you personally if you so wish.

Enclosed please find my Curriculum Vitae.

Thank you in advance and kindest regards,

Ron Michael Ly Michael

Israel

Ron Michael 12 Hanurit St., Netanya 42652

Tel#: 00972-9-355572 Fax#: 00972-9-356688



MICHAEL Ron

Date of birth: Nationality: Address:

15th February, 1968 Israeli / Danish 12 Hanurit Street

Netanya 42652, ISRAEL Tel: 00972-9-355572 Fax: 00972-9-356688

WORK EXPERIENCE

1993-Present

S.B.D. - Strategy consultants

Israel

1994-Present Senior Consultant

Head project teams which develop corporate strategies for enterprises with a minimum turnover of \$100M

O Define project scope and Key Strategic Issues with the clients

O Perform industry and company analysis, formulate conclusions and present the recommendations

O Manage sub-contractors for various tasks

O Focused on the implementation of corporate change: accelerated growth, turnarounds (Specifically for IAI - Israel Aircraft Industries- the largest corporation in Israel), international M&As, J.V.s, diversification and divestitures.

1993-1994

Consultant

Member of project teams with responsibility for establishing data requirements and performing analyses

1991-1992

ESPRIT PROMOTION SYSTEMS Ltd.

Israel

Managing Director

Initiated and founded own business which specialized in establishing marketing-oriented databases

O Developed computerized data-bases and interacted with programmers

O Defined the marketing and finance strategies of the firm and implemented innovative marketing methods

O Established several data-collection systems and procedures

O Held responsibility for recruiting, training, motivation and task assignments of employees as well as independent contractors

1989-1991

STERLING AIRWAYS Ltd.

Israel/Denmark

O Supervised a team of three check-in clerks

O Ordered and coordinated services from different contractors (cleaning, catering, fuel etc.)

O Acted as a translator between the Scandinavian languages and Hebrew

EDUCATION

Jan. 1996

INSEAD, MBA Programme

France

1990-1995

Tel-Aviv University

Israel

Bachelor of Laws. Expect to graduate Cum Laude

1988-1992

Tel-Aviv Business CollegeBachelor of Business, Cum Laude

Israel

LANGUAGES

Hebrew, English, Danish, Swedish, Norwegian. French - under study

OTHER EXPERIENCE

1989-1991

Junior Chambers of Commerce - Various local and national committees

1986-1989

Personnel Officer in the Israeli Navy. Rank: Lieutenant





TO: CITY EDITORS FOR IMMEDIATE RELEASE

30th May, 1995

MECONIC

Publication of Pathfinder Prospectus Estimated results for year ended 28th April, 1995

Meconic announces today the publication of the pathfinder prospectus for its proposed flotation next month. Meconic is seeking a full listing on the London Stock Exchange through a Placing and has appointed Baring Brothers Limited as financial adviser and Smith New Court Corporate Finance Limited as broker.

Meconic is a specialist manufacturer of fine chemicals, in particular opiates and other controlled drugs most of which are used primarily to produce medicines for pain control and cough relief.

Meconic was established to effect the management buy-out of Macfarlan Smith from Glaxo in 1990, with funding provided by a consortium of development capital institutions led by 3i plc. Since then it has achieved a record of growth and strong operational cash flows.

The key strengths of Meconic are:

- * its position as the world's largest supplier of opiates for manufacture into finished products;
- * its ability to operate successfully in a highly regulated market;
- * a record of successful expansion in pharmaceutical actives and fine chemicals through acquisition, product development and research;
- * a distribution network in over 45 countries;
- * a blue-chip customer base;
- * an experienced management team and a skilled workforce; and
- * high quality manufacturing facilities.



Estimated results for the year ended 28th April, 1995

Turnover rose to £29.6 million (1994: £26.4 million) and operating profit improved to £4.7 million (1994: £3.4 million).

Set out below is a summary of the Group's trading record over the past four years:

Years ended

	1st May	30th April	29th April	28th April
	1992	1993	1994	1995
£'000	Audited	Audited	Audited	Estimate
Turnover	19,703	20,504	26,449	29,557
Operating profit	2,746	2,488	3,442	4,660
Profit before taxation	1,376	1,234	2,825	4,180

Further details of Meconic's estimated results for the year ended 28th April, 1995 appear in the Pathfinder Prospectus.

Strategy and Growth Prospects

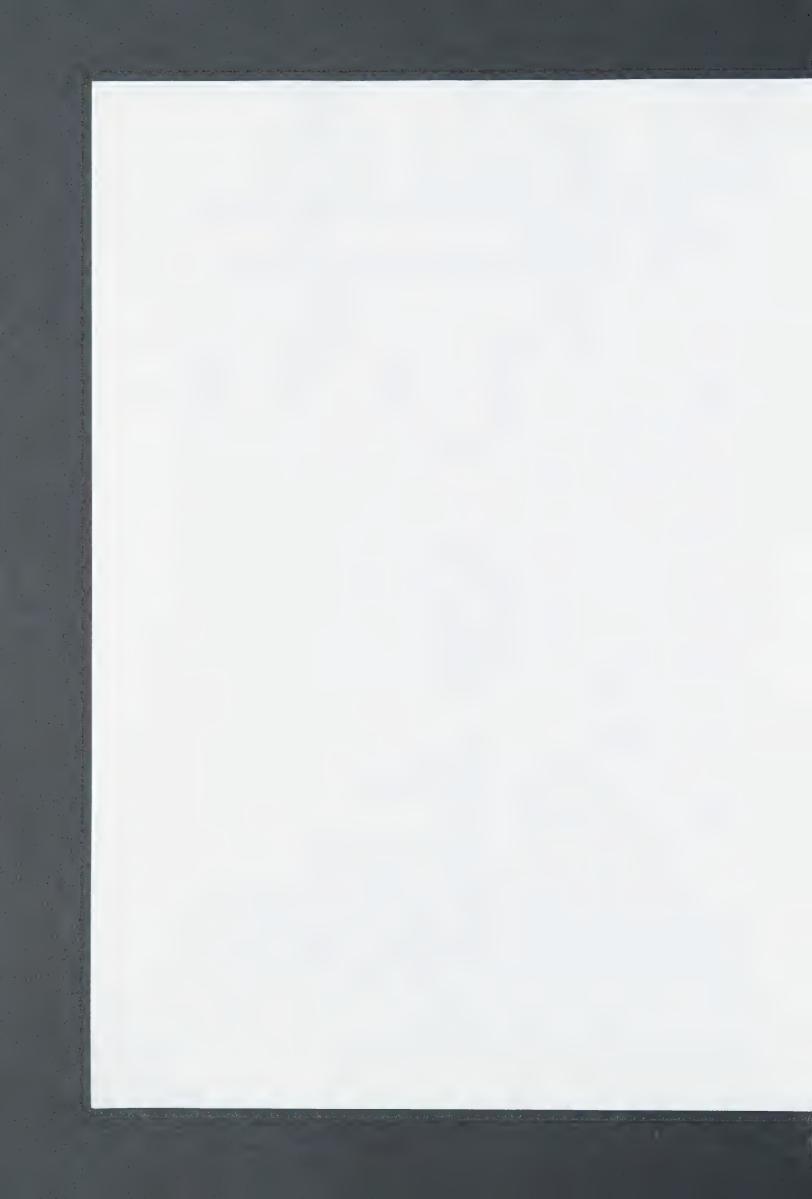
The Directors' strategy is to enhance Meconic's position as a supplier of pharmaceutical actives and fine chemicals and to increase further the international scope of its business. The Directors believe that this growth should be achieved by adding to the existing portfolio of controlled drugs and other pharmaceutical actives through in-house research and development and product acquisition initiatives, continued investment in the contract manufacturing business, by expanding sales of its fine chemical products and by making selective acquisitions.

Reasons for the Placing

The Placing will enable the development of Meconic to be accelerated through the replacement of the existing capital structure with a capital base more appropriate to the Group's medium-term growth strategy.

Dr Marshall Smalley, Managing Director of Meconic, commented:

"Meconic is the world leader in the supply of opiates with a track record of profitable growth and strong cash generation. The Company has also expanded through product development and acquisition. The flotation will provide us with a more flexible capital base to allow us to pursue our strategy to grow and invest in our three principal activities."



This announcement has been issued by, and is the sole responsibility of, Meconic Limited and its directors and has been approved solely for the purposes of Section 57 of the Financial Services Act 1986 by Baring Brothers Limited (a member of The Securities and Futures Authority Limited). No offer or invitation to acquire securities of Meconic Limited is being made now nor are offers being solicited. Any such offer or invitation will be made in listing particulars to be published in due course and any such acquisitions should be made solely on the basis of information contained in such listing particulars. Securities of Meconic Limited may fall in price or value against an investor's interests. Past performance is not necessarily a guide to future performance.

Baring Brothers Limited is acting exclusively for Meconic Limited in connection with the proposed flotation and is not acting for any other person or treating any other person as its customer and will not be responsible to anyone other than Meconic Limited for providing the protections afforded to customers of Baring Brothers Limited or for providing advice in relation to such flotation.

Neither this document nor any copy of it may be taken or transmitted into the United States, Canada or Japan or distributed, directly or indirectly, in such countries nor to U.S. persons or residents of Canada or Japan.

For further information please contact:

Press enquiries

Meconic	Marshall Smalley	0131 337 1416
	Managing Director Jim Cook Finance Director	0131 337 2434
Baring Brothers Limited	Mark Burch Hugo Robson	0171 280 1000
Brunswick Public Relations Ltd	John Sunnucks Kate Wallace	0171 404 5959





SMITH NEW COURT CORPORATE FINANCE LTD

31st May 1995

Dr Alfred Bader 52 Wickham Avenue Bexhill-on-Sea East Sussex BN39 3ER

Dear Dr. Bader,

As you may have seen in the press the pathfinder prospectus for Meconic was launched yesterday. Marshall Smalley has asked me to send you a copy of the press release for information. If you would like any further information please do not hesitate to contact me, my direct line is 0171 772 1268.

Yours sincerely

James Agnew





ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

December 27, 1994

Dr. Anthony R. Michaelis, Editor Interdisciplinary Science Reviews Flat 1 12 Hall Road London NW8 9PD England

Dear Anthony:

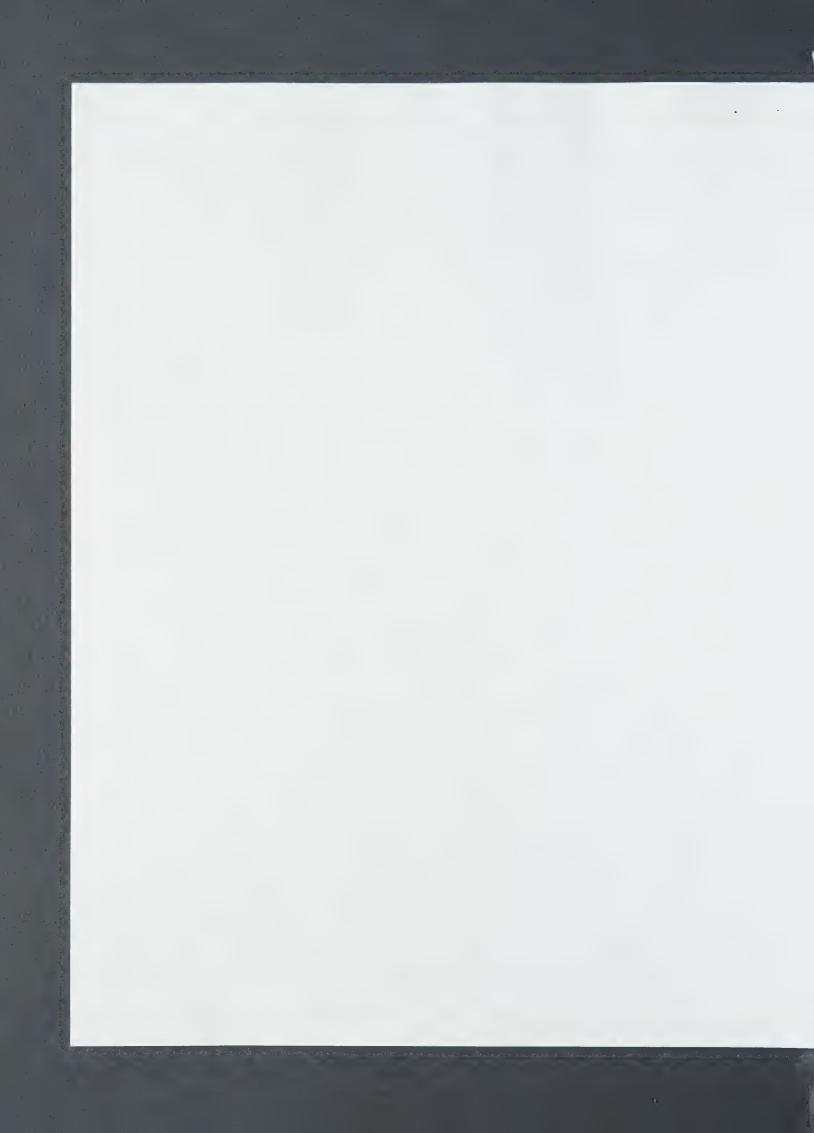
Thank you for your gracious lunch, your letter of December 8th, and that most interesting special issue of the *Interdisciplinary Science Reviews*.

I was in Switzerland two weeks ago, and I gave your request and the special issue to a very good friend, Bert van Deun, who is a vice president of Johnson & Johnson in charge of its Swiss operation. He knows all the key people at J & J and has his headquarters in New Brunswick, New Jersey. He was certain, as I am, that you could produce an excellent magazine devoted to chemophobia, but he was not at all certain that J & J would be interested seriously in helping its publication. He explained that the main reason is that the magazine, while obviously of high quality, is not really well known. What could I say other than urge him to do his very best, which I am sure he will do.

All good wishes for 1995 to Stefanie and you.

Sincerely,

By Appointment Only
ASTOR HOTEL SUITE 622
924 EAST JUNEAU AVENUE
MILWAUKEE WISCONSIN USA 53202
TEL 414 277-0730 FAX 414 277-0709



INTERDISCIPLINARY SCIENCE REVIEWS

ISR

From the Editor Dr Anthony R Michaelis

Editorial Office at Spectrum House Hillview Gardens London NW4 2JQ England
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 1027

Private Address Flot 1 12 Hall Road London NW8 9PD 07I 262 8930 International +447I

8 Decembere 1994

Dr Alfred Bader 52 Wickham Avenue Bexhill-on-Sea East Sussex T N 39 3 E R

Dear Alfred,

It was a great pleasure for me to have you as my guest for lunch at the Savile Club and I am glad I can return to you the only copy you have of your forthcoming book cover - it must have slipped out of your case. I look forward to receive a review copy in due course.

I am also sending you a copy of my Journal containing the latest Special Issue published. I would be glad to publish one in Volume 20, 1995, dealing with the subject of:

STOP CHEMOPHOBIA

FOR WHICH I need a sponsor. Our normal terms are 5000 copies @ £ 5 each, i.e. the sponsor would pay £ 25000 and would receive the copies on publication. If you could ask your friends at Johnson & Johnson to act in that capacity I shall be glad to travel anywhere in Europe to discuss full details with them. This would of course include your own contribution if it has not been published before.

With all best wishes, yours ever,

A. R. Michaelis - Editor





ALFRED BADER FINE ARTS

DR. ALFRED BADER

ESTABLISHED 1961

May 16, 1995

Professor John Bergman
Department of Chemistry
Mt. Mary College
2900 North Menomonee River Pkwy.
Milwaukee, WI 53222

Dear Professor Bergman:

I have penciled January 25, 1996 into my next year's calendar.

I think that the most interesting talk would be one on the history of Aldrich and Sigma-Aldrich. I have given that talk in Milwaukee only once, to UW-M earlier this year, but of course much of it is described in chapters 7, 12 and 13 of my autobiography.

Another possibility is a talk on the connection between Anschütz, Couper and Loschmidt, the second of my talks in Vienna, as described on the enclosed.

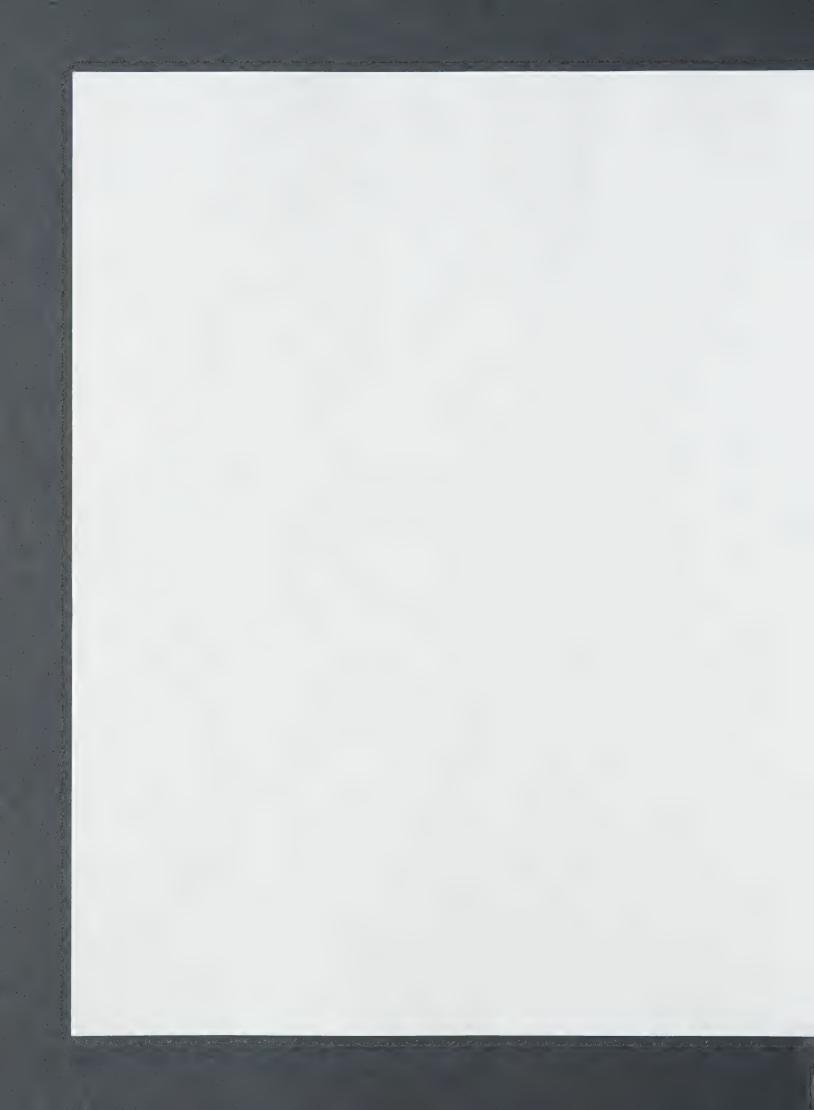
With best regards, I remain,

Yours sincerely,

AB/cw

Enclosure

By Appointment Only
ASTOR HOTEL SUITE 622
924 EAST JUNEAU AVENUE
MILWAUKEE WISCONSIN USA 53202
TEL 414 277-0730 FAX 414 277-0709



FAX FROM

DR. ALFRED BADER'S OFFICE

Suite 622

924 East Juneau Avenue Milwaukee, Wisconsin 53202 Telephone: 414/277-0730

Fax: 414/277-0709

November 14, 1995

Page 1 of 5

Colleger

To: Fax: JOHN BERGMAN

256-1205

Dear Professor Bergman:

Dr. Bader has asked me to send you the following *C&E News* article regarding his winning the Parsons Award, which also contains quite a lot of biographical background. I am also enclosing a short biography.

He said his *History of Aldrich* talk is an expanded version of chapter 7 of his autobiography, *Adventures of a Chemist Collector*, which is currently available at Harry W. Schwartz. It basically covers the growth of the company from a rented garage on Farwell Avenue to one of the world's largest suppliers of fine research chemicals.

As I have not had the opportunity to hear his talks, Dr. bader suggested that if you wanted to speak with someone who has heard him give this talk, you might speak with Dr. Stephen Branca or Mrs. Delores Menehan at Aldrich.

If I can be of further assistance, please don't hesitate to call.

heryl Weiss

Best wishes,

Cheryl Weiss Office Manager

Enclosures



ALFRED BADER was born in Vienna in 1924, graduated from Queen's University in Kingston, Ontario in Engineering Chemistry in 1945, and from Harvard in Chemistry in 1950. Between his university studies, he worked for a Canadian paint company which was acquired by Pittsburgh Plate Glass (PPG), which offered him a position in its research laboratories in Milwaukee in 1950. In 1951, he founded Aldrich Chemical Company, which merged with Sigma Chemical Company of St. Louis in 1975. Sigma-Aldrich is now the world's largest supplier of research chemicals. After serving Sigma-Aldrich as president and CEO and then as chairman and chairman emeritus, he started an art gallery in the Astor Hotel in Milwaukee in 1992.

Dr. Bader was the curator of "The Bible through Dutch Eyes" exhibition at the Milwaukee Art Center in 1976, and with Isabel, his wife, curator of "The Detective's Eye" exhibition in 1989. He has published widely on chemistry, art and the Bible.



Alfred Bader To Receive 1995 Parsons Award

Ernest L. Carpenter, C&EN Washington

Alfred Bader, the organic chemist of almost legendary status who made a fortune from founding and nurturing Aldrich Chemical Co. in Milwaukee, has been selected by the American Chemical Society to receive its .995 Charles Lathrop Parsons Award.

Unlike most ACS awards, which recognize scientific accomplishments, the Parsons Award recognizes outstanding public service by a member of ACS. In Bader's case, the award honors his wideranging impact on the chemical profession and the chemical community, not only through Aldrich's service of providing thousands of unusual chemicals for research, but also through his many personal contributions to establish research grants, education programs, and awards in several countries

At age 70, Bader remains the same fascinating mixture of ego, modesty, and almost boundless energy that has characterized his career for decades. He describes himself as an entrepreneur, a wheeler-dealer. "But I want to help others. Nothing I do is for show; it is all reality." Although a millionaire many times over, Bader says he and his wife, Isabel, have "a very modest lifestyle."

What does he regard as his greatest accomplishment? "Building Aldrich," he replies without hesitating. "I am very satisfied about what it has done for chemists—it has saved them so much work in synthesizing thousands of chemicals," he says, referring to chemical intermediates that chemists could obtain from Aldrich rather than take the time to synthesize them.

Bader's career at Aldrich spanned 41 years, beginning in 1951, when he and a friend started the company in a garage, and ending unexpectedly two years ago, when the board of directors forced him to leave. Bader served as chairman of the board of Sigma-Aldrich (Aldrich merged with Sigma Chemical



Alfred and Isabel Bader

Co. in 1975) from 1980 to 1991, when he officially retired. Following his retirement, the company agreed to let him remain on the board in an unpaid position and granted him the title of chairman emeritus. In that position, he expected to be an "ambassador" and consultant for the company, doing what he had done for years—paying personal visits to chemists and their labs around the world, obtaining ideas for new chemicals that Aldrich could sell to researchers.

However, less than a year later, the board had a change of heart after Bader sold a "call option" on 10,000 shares of Sigma-Aldrich stock (of 3.6 million he owned). Bader intended the call option to maximize a gift to his alma mater, Queen's University in Kingston, Ontario. But the Sigma-Aldrich board, led by the new chairman Tom Cori, claimed that

Bader's action amounted to "betting against the company," and it insisted that he "was no longer fit to work for the company," forcing him off the board and out of the company's service (C&EN, April 6, 1992, page 39).

At the time, Bader was incensed at the board's decision, insisting that he had done nothing wrong. But, in the two years since then, Bader, although obviously still bitter about his abrupt separation from Sigma-Aldrich, has begun to see a "silver lining" in his situation. For one, he says, it has freed up more time for another love of his, dealing in artespecially old Dutch paintings. And it has given him freedom to sell Sigma-Aldrich shares-and, of course, use the proceeds for his philanthropic interests. Since leaving Sigma-Aldrich, in fact, he has purchased for millions of dollars a Rembrandt painting, a Rubens, and a medieval castle in England.

Bader's interest in art goes back to his childhood, but he started collecting paintings seriously while working on his doctorate in chemistry at Harvard when, he says, "lesser old masters could be obtained relatively cheaply." Over the past four decades, he has amassed an impressive collection. Some of his acquisitions are for sale in his art gallery where he now maintains an office-a suite of rooms in Milwaukee's Astor Hotel. But most of the paintings-literally hundreds of them-he has bestowed on the rest of the world through favored guardians such as Queen's University Agnes Etherington Art Centre, the Milwaukee Art Museum, the Allen Memorial Art Center at Oberlin College, Minneapolis Institute of Arts, and Harvard's Fogg Art Museum, among many others.

As for his famous acquisitions, he purchased the Rembrandt painting—"Portrait of Johannes Uyttenbogaert"—at Sotheby's in London in 1992 and a few months later sold the painting for \$10 million to the Rijksmuseum in Amsterdam, which houses the largest collection of Rembrandts in the world. He ad-



mits to making a tidy profit on the deal. "How many other chemists can say they sold a Rembrandt?" Bader asks proudly.

Bader purchased the Rubens painting, "Entombment," at a Christie's auction in London at the end of 1992 and last year sold it to the Getty Museum in Malibu, Calif.

His greatest coup, Bader says, was the acquisition of Herstmonceux Castle, in Sussex, England, last year. He and his wife own a house nearby, where they live while in the U.K. During a visit there last year, he noted that the castle was for sale, and he and Isabel looked at the property "for a lark," he says. They realized that the castle and grounds "would make a wonderful campus for Queen's University." After consulting with Queen's, he negotiated

the price and gave Queen's the funds to buy the castle and begin the conversion of the property, which until the late 1980s was the base for the Royal Greenwich Observatory. He says the new campus "adds a new dimension to life at Queen's." It intends to use the castle as a center of studies in European politics, economics, law, and art.

Commenting on the challenge of what he can do for an encore, Bader says that "with Isabel's vision, and if the Lord gives us time, we will find other great things to do with our money, which we do not want to use for ourselves and cannot take with us."

Lest one think that Bader spends all his time "wheeling

and dealing" with paintings, he reckons he spends only about a third of his time doing that. He says he spends another third or so of the time working on two books—an autobiography, which he undertook at the persistent urging of several friends and which he intends to complete later this year, and an encyclopedic work of Biblical subjects treated by Dutch painters in the 17th century.

Another "special project" that occupies considerable time is helping small chemical companies and chemistry students in the Czech Republic. Bader, whose father was of Czech origin, advises the companies on, among other things, what chemical products to make, such as hair dyes and pharmaceutical intermediates. He has set up a number of fellowships for Czech chem-

istry students to do doctoral research in the U.S. and U.K. and also funded other awards within the republic. He has funded similar fellowships for art history students.

Indeed, ACS itself has benefited a number of times from Bader's generosity. For instance, he endowed ACS's Alfred Bader Award in Bioinorganic or Bioorganic Chemistry. And, recently, he and his family granted the society funding to expand the Project SEED program to include a second summer of chemistry lab experience, an expansion he is convinced is much more useful to young students than the single-summer concept.

Bader's generosity to chemists and particular institutions may be explained in part from episodes in his personal his-

Harvisto Variation Co.

Allow the second control of the second con

Bader poses in his "friends gallery"—signed photos and mementos from around the world.

tory. Bader was born in 1924 in Vienna to a Hungarian mother and a Jewish father. His father died two weeks after Alfred was born, and the father's sister, a wealthy widow, was allowed to adopt young Alfred.

By the time he was 14, his aunt's fortune had been depleted. Because of the growing Nazi menace in that region, Bader was sent to England to live with strangers under a British program allowing entry visas for Jewish children. He finished high school there and started at Brighton Technical College. But in 1940, because of fear that Nazi sympathizers might aid the German war effort, the British government imprisoned as enemy aliens all German and Austrian males in the country between the ages of 16 and 60. Bader was caught up in this web and was shipped off to Canada as

an internee, along with several thousand other refugees.

Held for 16 months at an internment camp in eastern Canada, Bader was taken in by a member of the same family that befriended him in England, and he immediately applied to attend McGill University but was turned down. The same for the University of Toronto. However, Queen's University in Kingston accepted him. "It was the first place I was treated as an equal," Bader says.

At Queen's, Bader says, he obtained a B.S. degree in engineering chemistry, a B.A. in history, an M.S. in organic chemistry, "and a love for synthesizing chemicals." In the summers during this period, he also worked as a chemist for Murphy Paint Co. in Montreal, formulating paints and varnishes. The company nearly insist-

ed that he leave to obtain a Ph.D degree and even gave him a small grant to do so Bader chose Harvard for his doctorate education where he rubbed shoulders with brilliant chemists like Gilbert Stork and Robert Woodward, who became his fast friends.

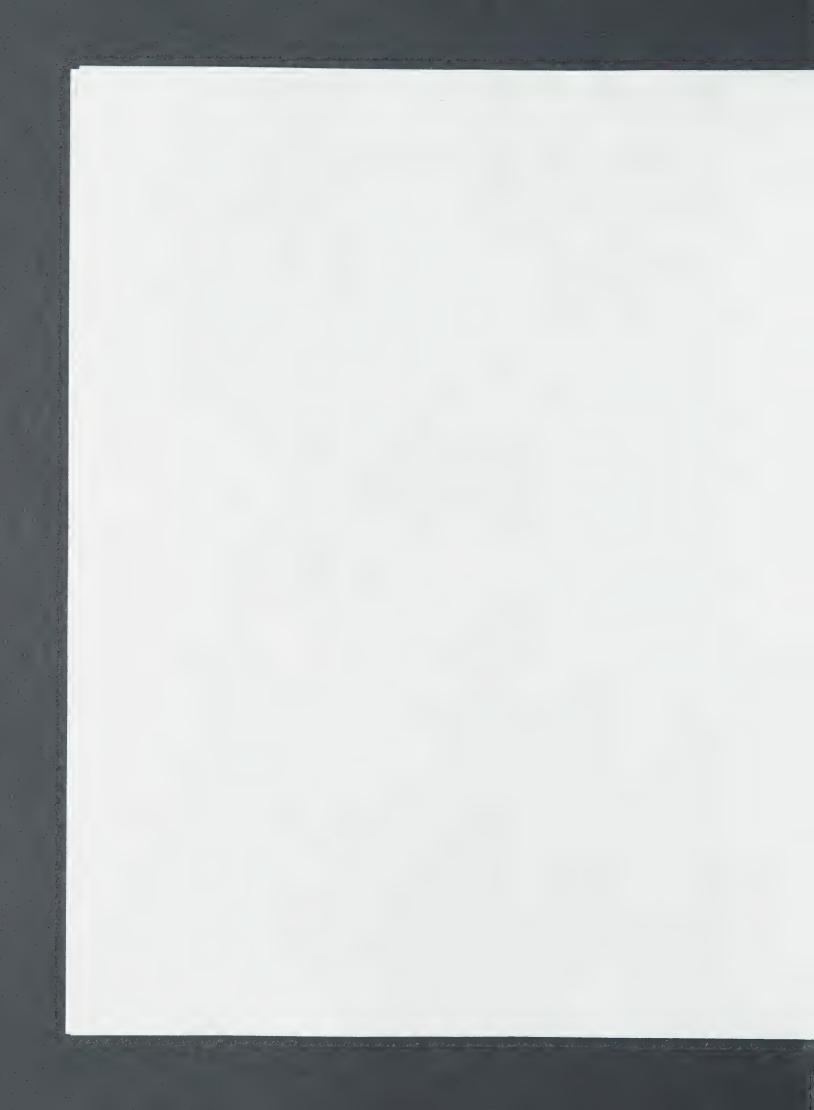
After receiving his Ph.D. degree in chemistry two years later Bader felt obligated to return to Murphy Paint, which had been acquired by Pittsburgh Plate Glass (PPG). PPG had just consolidated all its paint research in Milwaukee.

Relocating to Milwaukee, Bader helped guide PPG's paint research into new areas based on new monomers. Despite his accomplishments, though, he was

not satisfied. He tried unsuccessfully to convince the company to let him use some of his spare lab space to make and sell small quantities of research chemicals. Undaunted by PPG's refusal, Bader and an attorney friend decided in 1951 to start a company to sell research chemicals, which they operated in the evenings and on weekends in a garage. Io name the fledgling firm, the two partners tossed a coin. The attorney won, and named it after his fiancée, Betty Aldrich. And thus Aldrich Chemical was born.

When PPG moved its research labs to Pittsburgh three years later, Bader didn't want to move there, so he remained in Milwaukee, which has been his primary hometown ever since.

He developed a unique style of working that eventually endeared him to customers and colleagues throughout the



nemical community: He visited top acalemic research labs across North America and Europe, learning about the chemicals that Aldrich could supply—at a modest cost—that would reduce chemists' time in conducting their research.

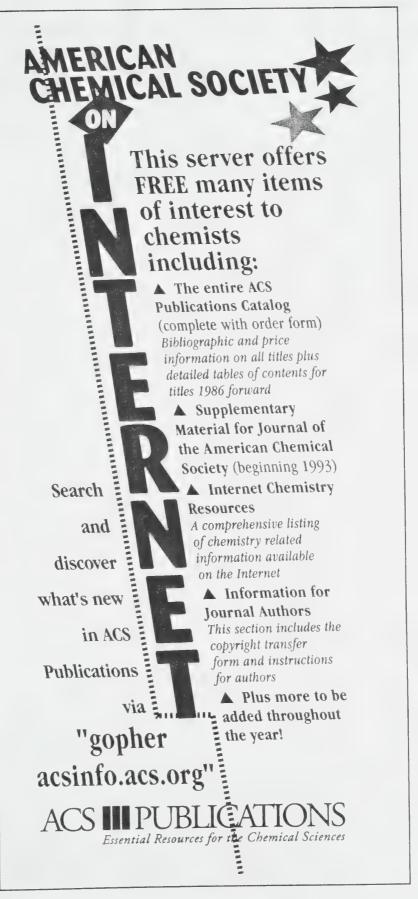
During the course of these visits, he became familiar with the careers of many researchers. When he saw a need for funding to continue what he regarded as important research, he would make a small no-strings-attached grant to the researcher. "They were small grants," Bader says, "a few thousand dollars." Many such grants have been made by him around the world, some to chemists who have become well known.

In the mid-sixties, with Aldrich's sales more than \$2 million and its stock being traded publicly, it was clear to Bader that the greatest growth in chemical research lay in biochemistry. So he began considering a merger with a biochemical producer, the ablest and most interesting of which, Bader says, was Sigma Chemical Co. in St. Louis. Sigma initially rebuffed a merger proposal, but it finally agreed in 1975.

With the greatly enhanced catalog of chemicals, and with an emphasis on fast filling of orders and high-purity compounds, Sigma-Aldrich grew to one of the world's preeminent suppliers of custom chemicals and fine organics and inorganics. Its sales in 1993 totaled more than \$739 million.

Over the years, Bader's enthusiasm for chemistry and passion for art have made him a much-sought-after lecturer for societies and universities around the world, including ACS Speaker Tours. His favorite topics include the chemistry of art restoration, the Bible as represented by the Dutch masters, and the history of chemistry, particularly of his 19th century hero, Josef Loschmidt, an Austrian chemist who Bader regards as the father of molecular modeling.

Bader's contributions to science, industry, and art have been recognized over the years in many ways. For instance, he has been presented honorary doctorates from several prestigious universities, selected as Honorary Fellow of the British Royal Society of Chemistry, and, most recently, honored by a special symposium sponsored by Harvard's chemistry department. Yet, as noted by one of his friends, the distinction of the Parsons Award serves as an appropriate capstone to all these honors.







Dr. Alfred Bader 924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202

Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

November 1, 1996

Harold Hart, Professor Emeritus Department of Chemistry Michigan State University 320 Chemistry Building East Lansing, MI 48824-1322

Dear Harold:

Thank you so much for your letter of October 3rd, received only yesterday. You mailed it to Aldrich, and as you will see from Chapter 13 of the enclosed, management threw me out in 1992. The people at Aldrich have all remained my good friends but forward the mail only every couple of weeks.

My autobiography will tell you more than you probably will want to know, and you might find my CV (enclosed) more helpful.

I also enclose a few photographs; please return those which you do not need.

With best regards from house to house, as always,

AB/cw

Enclosures



MICHIGAN STATE

October 3, 1996

Dr. Alfred Bader c/o Aldrich Chemical Company, Inc. 1001 West Saint Paul Ave. Milwaukee, WI 53233

Dear Alfred,

I am writing to make a special request that I hope you will grant.

The enclosed brochure describes photo-portraits and minibiographies of outstanding chemists and other scientists that now hang in various parts of the Michigan State University Chemistry Building (please see the top half of page 2, which describes the origin of the collection). At present there are 66 portraits. We intend to expand the collection during the coming year to approximately twice its present size, adding mainly portraits of outstanding living chemists, though we will also fill in some major gaps from the past (Carothers, Debye, Diels and Alder, Fieser....van't Hoff, Werner).

We want to include your photo-portrait in the collection. The museum quality framed portraits are mainly 11"x14", but we can use any size negative or print, color or B/W, and make the enlargement here. I hope that you will allow us to include your portrait in the collection, and will send us one of your own choosing (or several to select from). Naturally, we will reimburse any costs incurred.

I can write the mini-biography from literature data, but if you would supply information (CV?) that would facilitate its preparation, I would appreciate that too.

It has been gratifying to observe our undergraduate and graduate students, as well as department visitors, viewing the portraits, perusing the biographies and learning about the human side of chemistry.

I look forward to your favorable response.

With best personal regards,

Harold Hart

Professor Emeritus

Enclosure

HH/nbl



COLLEGE OF **NATURAL** SCIENCE

Department of Chemistry

Michigan State University 320 Chemistry Building East Lansing, MI 48824-1322

517 / 355-9715 FAX: 517 / 353-1793

The Michigan State University IDEA is Institutional Diversity Excellence in Action

MSU is an affirmative-action, equal-opportunity institution





Dr. Alfred Bader

924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

October 16, 1996

Professor John Frost Dept. of Chemistry Michigan State University Lansing, MI 48824

Dear John,

I am sorry that Isabel and I were at the IUPAC meeting in Chicago for just one day and did not have a chance to chat with you.

Any chance of your coming to Milwaukee?

The enclosed article from the September "Chemtech" issue reminds me of your brilliant work. What do you think of the work described in that article?

How are you doing with your new company?

With all good wishes, from house to house, as always.

Sincerely,

AB/lh

Enclosure



Dr. Thomas E. Müller ANORGANISCH-CHEMISCHES INSTITUT TECHNISCHE UNIVERSITÄT MÜNCHEN



München, den 26.05.1997

Dr. Alfred Bader 924 East Jeneau, Suite 622 Minwaukee Wiskonsin 53202

Dear Dr. Bader

thank you for your letter dated 13.05.97. By coincidence I am also living near Münchner Freiheit very close to Hesseloherstr. 2. My private address in Munich is Siegfriedstraße 9, 80803 München, Tel. 33.91.76 and I am sure the street is known to Dr. and Mrs. Schwartz.

I will pick you up at 7.30 a.m. which should get us to the Technical University around 7.55. The time for the talk has been arranged to be 8.15. I am looking forward to your presentation. Please find enclosed a short program for the morning which I hope is according to your wishes. Around 12.00 I would arrange lunch in one of the restaurants nearby which should leave us plenty of time before returning to Munich at 14.30.

Thomas hh

With all the best wishes, Yours sincerely,



Dr. Thomas E. Müller ANORGANISCH-CHEMISCHES INSTITUT TECHNISCHE UNIVERSITÄT MÜNCHEN



München, den 26.0597

Tagesplan für den Besuch von Dr. Bader

28.06.1997 27.

7.30	Abholung durch Th. Müller
8.15	Vortrag: "Richard Anschütz, Archibald Scott Couper und Josef
	Loschmidt: Ein Detektiv an der Arbeit"
9.30	Diskussionsrunde "Die Geschichte der Aldrich Chemical Co."
	bei Kaffee und Kuchen
10.30	Gespräche mit Professoren
12.00	Mittagsessen in den Bürgerstuben
	(Prof. Beller, Dr. Müller)
13.30	Kaffee in der Handbibliothek
14.30	Rückfahrt nach München





Vortragsankündigung

Am Freitag, den 27.06.1997 um 8.15 Uhr hält Herr

Dr. Alfred Bader

(Gründer der Aldrich Chemicals Co.)

im Rahmen des Anorg.-chemischen Seminars den Vortrag zum Thema:

"Richard Anschütz, Archibald Scott Couper und Josef Loschmidt: Ein Detektiv an der Arbeit"

Gebäude CH6, Raum 26411

Anschließend Kaffee/Tee und Diskussionsrunde zum Thema:

"Die Geschichte der Aldrich Chemical Co."

Gebäude CH7, Raum 37101

Alle Interessenten sind herzlich eingeladen.





924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

May 13, 1997

Dr. Thomas Müller Anorganisch-chemisches Institut Technische Universität München Lichtenbergstraße 4 85747 Garching Germany

Dear Dr. Müller:

Isabel and I look forward to being with you on Friday morning, June 27th.

We will arrive in Munich by car from Prague, staying with our old friends, Dr. and Mrs. Hanspeter Schwartz at Hesseloherstr. 2; telephone: 333-051.

If you will tell me exactly at what time you will pick us up, we will be ready in front of the house - because parking in the center of Munich is not easy.

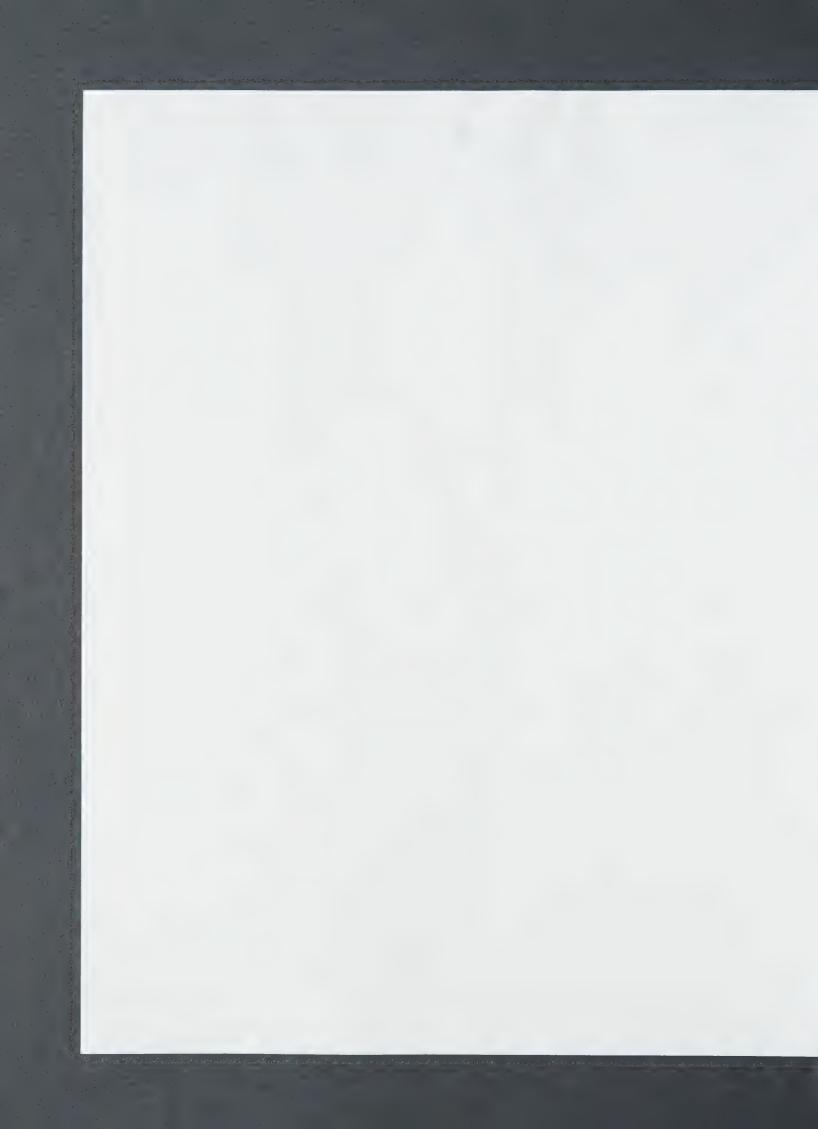
For the talk on Anschütz, Couper and Loschmidt and also for the talk on the history of aldrich, I will require an overhead projector and, if possible, a laser pointer and a microphone.

With all good wishes, I remain,

Yours sincerely,

AB/cw

c: Dr. and Mrs. Schwartz





924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

March 5, 1997

Dr. Thomas Müller Anorganisch-chemisches Institut Technische Universität München Lichtenbergstraße 4 85747 Garching Germany

Dear Dr. Müller:

Further to our correspondence, my travel plans are now taking shape and I could present Talk #3, the one on Anschütz, Couper and Loschmidt, to your students on Friday morning June 27. For that talk I will require an overhead projector, a pointer, and a microphone.

We will not have a car in Munich and so hope that you can pick us up and take us to Garching and back. In the afternoon around 3:30 p.m. we plan to visit an old friend, Dr. Ellen Bernt, who lives near the Schwabinger Krankenhaus.

If per chance your students might be interested in a second talk, the one on the history of Aldrich and Sigma-Aldrich, I would be happy to give it later that Friday morning. The requirements for an overhead projector, a pointer, and a microphone are the same.

Naturally I plan to give both talks in German.

Looking forward to seeing you, I remain,

Sincerely,

AB/nik

c: Dr. Ellen Bernt





924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

February 21, 1997

Dr. Thomas Müller Anorganisch-chemisches Institut Technische Universität München Lichtenbergstraße 4 85747 Garching Germany

Dear Dr. Müller:

Thank you so much for your letter of February 11th.

I would be happy to present Talk #3 of the enclosed menu. That talk gives, in great detail, the story published in *Chemistry in Britain* last September.

If of interest to your students, I would also be happy to give Talk #1.

My wife and I will be in Munich in the second half of June but we are awaiting word from an old friend, Dr. Ellen Bernt, to determine when a visit with her would be convenient. I will let you know shortly - as soon as I have heard from her - which day that will be and, of course, I hope that it can be either on a Wednesday afternoon or Friday morning.

With all good wishes, I remain,

Yours sincerely,

AB/nik

Enclosure



München, 11.02.97

Dr. Thomas Müller Anorganisch-chemisches Institut Technische Universität München Lichtenbergstraße 4 85747 Garching

Dr. Alfred Bader 924 East Jeneau, Suite 622 Minwaukee Wiskonsin 53202

Dear Dr. Bader

Last year when you visited Brighton Sir Kroto gave his magnificent lecture about Fullerenes and the future of Science. After the lecture we continued to discuss the possibility of Sir Kroto receiving the Nobel Price. We all were extremely and happily surprised when in November the price was announced to go to Sussex. Unfortunately by that time I had left Sussex to take up a position at the Technical University of Munich. Thus I couldn't join into the celebrations which lasted for many days.

Your article about Loschmidt in Chemistry in Britain, although published some time ago, was very interesting. I think it is very important to follow up the history of chemistry, see how it developed and by whom discoveries were made. Probably important changes in the perception of the world prepare the grounds for scientific leaps forward. Most of the important ideas seem not to be made by single persons, but seem to be developed several times independently by different people. The person who is given the credit often isn't the first to have this though, but often some strange twist in history gave another person all the credit. This was brilliantly demonstrated in your article about Kekule and Loschmidt.

During your visit in Brighton you mentioned your annual visits to Munich. I would be very pleased if I could invite you to give a lecture at the Technical University Munich, Department of Chemistry. June or July would be ideal as the end of term is on the 31. July. Thus the undergraduate students could be included. The best times to arrange for the lecture would be Wednesday late afternoon or, as part of a series of lectures, on Friday morning. Please would you give a preferred day, time and topic so that things can be arranged. I would be very happy to wellcome you in Munich.

Yours sincerely,

Dr. Thomas dif



THE: MTM England

ICI to float Tioxide

ICI has announced that it plans to float Tioxide, its titanium dioxide pigment business, which took a severe hammering in 1996 as a result of what ICI chief executive Charles Miller Smith described as a 'fierce cyclical downturn in price' during the year. He added that spinning off Tioxide is in line with the group's strategy of 'shifting resources towards those international businesses which have lower cyclicality, less capital intensity and are closer to consumers'. The move also signals ICI's intent to accelerate the process of only allocating capital towards businesses that have 'leading market positions, technological edge, a competitive cost structure and provide international strength'.

The details of the flotation, such as when it will take place and how much of the company will be sold, have not yet been decided. Meanwhile, ICI's decision to sell its operations at such a low point in the TiO₂ cycle has been called into question. A spokesman for ICI suggested that any ideas about selling Tioxide to one of its market competitors (its principal rivals are DuPont and SCM) had been quashed by concerns that such a move would be blocked

by anti-competition authorities – Tioxide is currently the number two producer in the highly cyclical world TiO_2 market. While ICI chairman Sir Ronald Hampel would not reveal how much the group would expect to gain from the flotation, he pointed out that Tioxide currently has net assets of £700m.

The announcement of the proposed spin-off came as ICI reported a 33 per cent fall in the group's trad-

ing profits for 1996, to £665m compared to 1995, with most of the decline attributed to its Industrial Chemical division, which saw profits slump from £496m to £109m over the same period. 'The surge in currency and higher feedstock costs, combined with the savage pricing climate and weak markets in Europe and Asia, drove the business into loss [in Q4]', explained Miller Smith.

While the chlorine, polyester and Tioxide businesses suffered quite considerably, the downturn in Industrial Chemicals was partially disguised by good news from ICI's Paints divi-



Left to right: Alan Spall, Sir Ronald Hampel and Charles Miller Smith

sion, which saw profits rise 60 per cent over the 1995 figure to reach a record level of £171m. The results from the various paint acquisitions during the year exceeded expectations and added about £28m to profit in 1996. A combination of acquisitions and market gains in the UK, together with firm cost controls and firmer prices, helped improve profits. Miller Smith said that he expected ICI's paint activities to contribute a turnover of £4000m pa by the year 2000 as a result of volume growth and further acquisitions – turnover in 1996 was £2400m.

continued on p 6

Lines gets two years for MTM fraud

Richard Lines, founder and former chairman of MTM, was last month jailed for two years for his part in the firm's £250m collapse. His codefendant Thomas Baxter, formerly MTM's finance director, received a six month sentence.

The two were tried at the Old Bailey last year on charges brought by North Yorkshire Police and the Serious Fraud Office. In December, Lines was found guilty on three charges of conspiracy and making false statements, Baxter was guilty on two counts and not guilty on another charge.

Lines was co-founder of MTM, a speciality chemical group that he and a partner built up through the 1980s, floating it on the stock market in 1986. In late 1990, MTM paid \$112m for Hardwicke Chemical, a US pharmaceutical and agrochemical intermediate manufacturer, a purchase which was 'a bridge too far', as Lines' counsel described it. For the first time MTM had significant borrowings to service; worse still, trading fell below the company's optimistic predictions.

To make sure that MTM met the 1991 profit figure that City analysts were expecting, Lines not only brought forward 1992 sales (which was considered just about acceptable practice) but with Baxter's connivance he created fictitious sales as well. In the event, the auditors refused to accept the accounts. MTM's share price fell catastrophically, Lines and Baxter re-

signed and the full story came out when restated accounts revealed the extent of the 'bottom drawer' transactions. New management sold off most of the company's successful businesses to make it financially viable. The restructured company is now known as Meristem.

In mitigation, counsel for both defendants tried to put some of the blame on MTM's auditors and financial advisers. They also blamed

the city analysts' over-optimism and the effect this had on the company's operations. Counsel claimed that neither Lines nor Baxter had intended to benefit personally but had put the company, its workforce in NE England and its shareholders first.

In sentencing, Judge Geoffrey Grigson said that witnesses had described Lines as a hard driver and that in the judge's view he had driven himself and others beyond the limits of honesty. The judge accepted that Lines was 'less than strenuously guided' by his city advisers.

Unilever to sell speciality chemicals

Unilever's surprise announcement last month that it intends to sell its speciality chemical business to concentrate on its food and personal product operations, is big news for the chemical industry, which has already undergone major restructuring during the past year.

Many of the world's top chemical companies are expected to bid for one or all of the four businesses in the group's portfolio: National Starch and Chemical (NSC), a global producer of industrial adhesives, resins and speciality chemicals, and speciality starches; Quest, one of the world's leading manufacturers of fragrances, food flavours and ingredients; Unichema, a global leader in speciality oleochemicals and nickel catalysts; and Crosfield, a producer of inorganic chemicals based upon

silica and alumina. Together, the Unilever businesses form one of the world's largest speciality groups, and are expected to raise £5000£6000m (Quest alone is reported to be worth £3000m).

Commenting on the decision to sell its profitable speciality chemical operations, co-chairman Niall FitzGerald said that it would enable Unilever 'to concentrate resources on achieving superior long-term growth in our consumer goods operations, particularly in developing and emerging markets'.

In 1996 the turnover of the four businesses was £3000m, representing 9 per cent of Unilever's total sales, and together they employ some 15 800 people in more than 35 countries.





Dr. Alfred Bader 924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202

Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

May 1, 1996

Dr. Carl Tenpas MODcol Corporation 1266 Andes Boulevard St. Louis, MO 63132

Dear Carl:

It was such a pleasure to be able to chat with you in Edwardsville, and I just wished that we had a little more time.

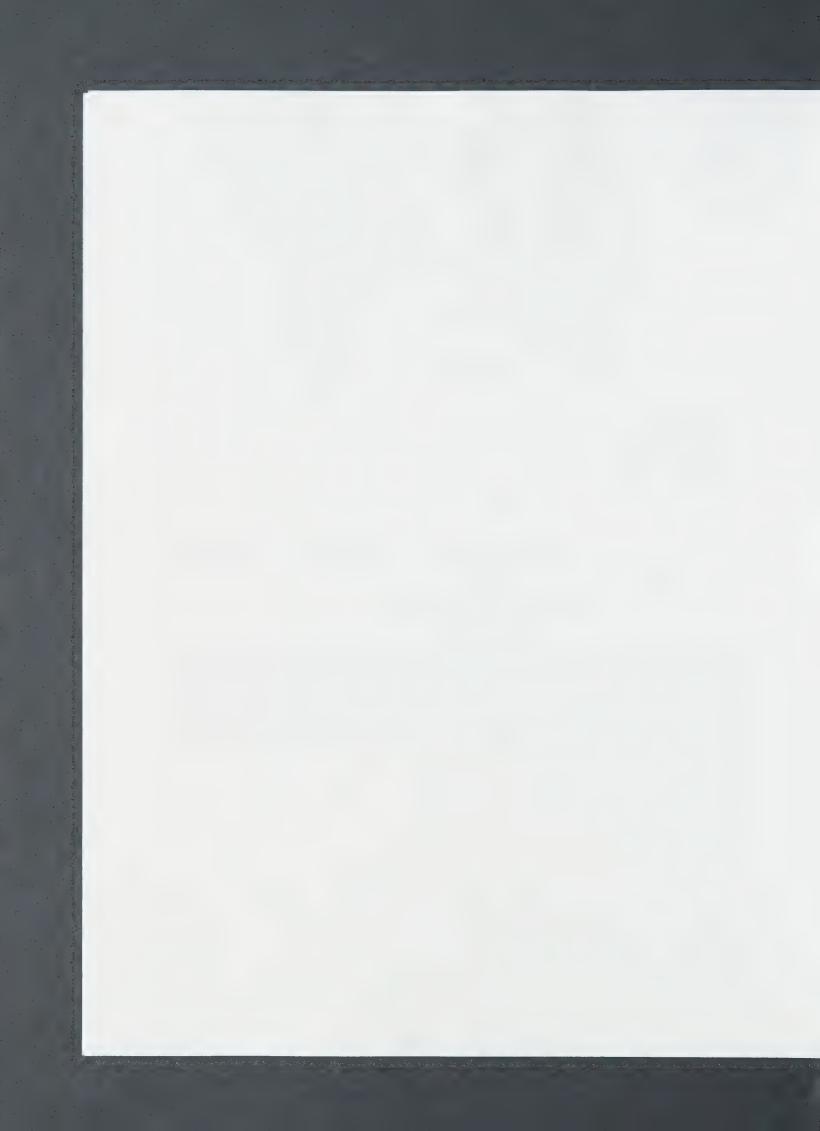
What does the MODcol Corporation do and what is your job?

Surely you still know a great many of the people at Sigma. Quite a few of the middle management people came to one or more of my talks, and several told me a frightening story: To cut down on back-order lines and also to save money on analytical services, Sigma has decided not to analyze all products, but rather to rely on suppliers' data sheets. Dan Broida would turn around in his grave! Can you confirm that this is really happening? If so, then I will consider writing to the directors, pointing out what a dangerous situation that is. In the long-term, it is bound to lead to lawsuits by customers who have either gotten poor or mixed-up materials.

I much look forward to hearing from you and remain,

Yours sincerely,

AB/cw





Liberal Studies Program The University of Montana Missoula, Montana 59812-1026 (406) 243-2171 Office

March 6, 1997

Dr. Alfred Bader 924 East Juneau, Suite 622 Milwaukee, WI 53202

Dear Dr. Bader:

I glad to have helped, and I'm extremely pleased that I was at least the catalyst in getting you to do something--a poster--that you've never done before in your seventy-two years!

I checked with Vera Mainz, the HIST secretary/treasurer, and with Paul Jones, the Bulletin editor, and both confirmed that you're on the membership rolls. You should have received No. 19 of the Bulletin very recently, as well as several other issues (2 or 3, I don't remember the exact number) over the last year or two. If you haven't, you should contact Paul Jones directly:

> Dr. Paul R. Jones, Editor BULLETIN FOR THE HISTORY OF CHEMISTRY Department of Chemistry University of Michigan Ann Arbor, MI 48109-1055

Paul has done an excellent job of getting the Bulletin back on its feet after all the legal problems that stopped its publication for a while. I think you'll find that the issues under his editorship have been extremely well done.

I very much look forward to meeting you, hearing your paper, and seeing your poster in San Francisco.

Sincerely,

Richard E. Rice

Program Chair, HIST

Richard E. 16 -





924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

February 5, 1997

Professor Richard E. Rice Program Chair, HIST Liberal Studies Program University of Montana Missoula, MT 59812-1026

Dear Professor Rice:

My secretary has told you that I was able to book a very early flight to San Francisco on Sunday, April 13th. If the planes are on time and I can register quickly, I should be able to give the lecture at 3:30 in the afternoon.

In reading over the details of the poster session, I'm concerned by the requirement that material must be readable by attendees from a distance of three feet. Of course there will be no problem in having just the headings half-an-inch high, but I would like to show a number of original papers such as, for instance, Bill Wiswesser's paper in *The Acta*, copy enclosed and a copy of his important letter to Linus Pauling, copy also enclosed. Also I would like to show either some original papers or good copies taken from *Chemistry in Britain* and some German publications.

Is it alright to show all that provided only that the headings are in letters at least half-an-inch high?

I plan to bring with me a rolled up sheet exactly four by eight feet all set up to pin to the board you provide.



Professor Richard Rice February 5, 1997 Page two

Will all that be satisfactory?

With many thanks for your help and best regards, I remain,

Yours sincerely,

AB/nik

Enclosures





Liberal Studies Program
The University of Montana
Missoula, Montana 59812-1026
(406) 243-2171 Office

November 21, 1996

Dr. Alfred Bader 2A Holmesdale Road Bexhill-on-Sea East Sussex TN39 3QE England

Dear Dr. Bader:

Enclosed are copies of the poster requirements for ACS and the instructions for authors from the *Bulletin*. I will also send copies to your Milwaukee address.

You should have received two issues of the *Bulletin* earlier this year. The new editor, Paul Jones, has done a tremendous job at getting it back on track. I will ask him to check on your copies.

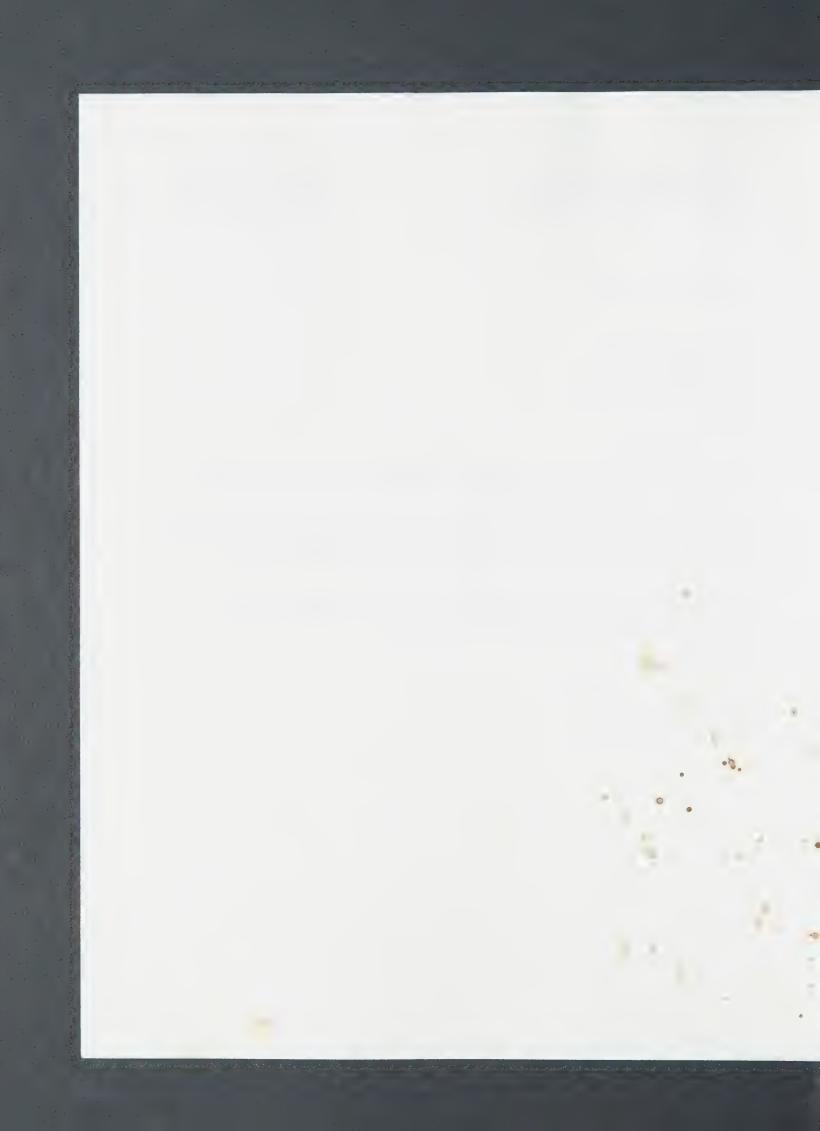
Thank you for submitting a paper to HIST and especially for agreeing to give it as a poster at SciMix as well. I look forward to meeting you in San Francisco.

Sincerely,

Richard E. Rice

Program Chair, HIST

Tutand E. Kice



FAX FROM



DR. ALFRED BADER

Suite 622
924 East Juneau Avenue
Milwaukee, Wisconsin 53202
Telephone: 414/277-0730
Fax: 414/277-0709

November 1, 1996

TO:

Professor Richard E. Rice

FAX:

406/243-4076

Dear Professor Rice:

I am happy to know that my abstract is satisfactory.

Could you please send me the details of the poster requirements?

Also, I haven't received a *Bulletin* for a very long time, even though I am, of course, a member of the Division. Could you please send me the requirements for the submission of papers to the *Bulletin*? I would very much like to submit two papers.

I am leaving for England late next week, returning in early January. If these items cannot be sent before then, my address in England is 2A Holmesdale Road, Bexhill-on-Sea, East Sussex TN39 3QE, England, and my telephone and fax numbers are both 44-1424-222-223 (with an answering machine/switcher if we are traveling). If sent to England, would you also please send a copy to my office for the files?

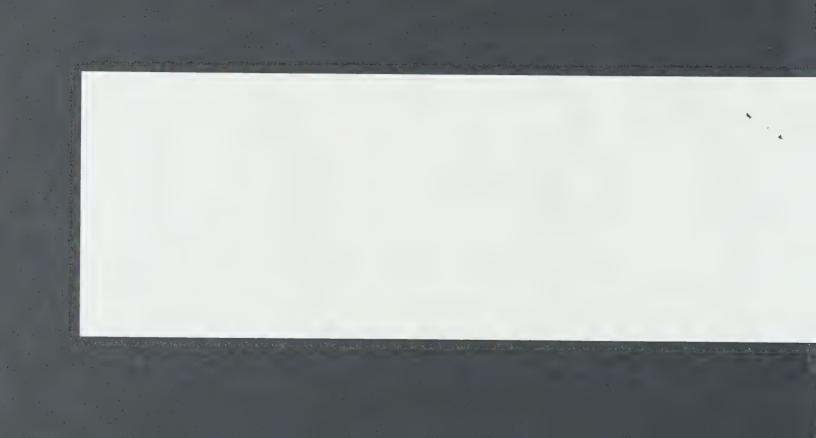
With many thanks for your help and best regards, I remain,

Yours sincerely,

AB/cw



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924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

October 21, 1996

Via Facsimile: 406/243-4076 and Mail

Professor Richard E. Rice Liberal Studies Program University of Montana Missoula, MT 59812 Page 1 of 2

(fax)

More by wail

Dear Professor Rice:

Enclosed please find the abstract of my paper to be given in San Francisco next April.

I am leaving for Britain on November 8th and will not return to Milwaukee until early January. I plan to work on this paper while in England and would appreciate your acknowledging before my departure that the abstract is satisfactory.

With many thanks for your help and best regards, I remain,

Yours sincerely,

AB/cw

Enclosures

Thanks for your letter.

of 10/15 only gust received.

Poster will be fine
I leade forward to details of

fax.

Qua Laa.





Liberal Studies Program
The University of Montana
Missoula, Montana 59812-1026
(406) 243-2171 Office

15 October 1996

Dr. Afred Bader 924 East Juneau, Suite 622 Milwaukee, WI 53202

Dear Dr. Bader:

I'm sorry that you had so much difficulty in contacting me by phone. I'm not teaching this semester, so I'm not at my office very often, but I'm not sure why you had problems leaving a message at the department's number. In any event, I'm glad that you finally got my fax number, and I'm very pleased that you'll be giving a paper at the San Francisco meeting. I look forward to receiving your abstract.

The HIST Executive Committee has talked a number of times about participating in SciMix. Apparently, the division never has, and if we don't just take the plunge, it probably never will.

Thus, I'm asking each person who submits an abstract for the HIST general session at the San Francisco meeting to present that paper as a poster at SciMix as well. Although the program in not yet finalized, I think that our general session will be Sunday afternoon (April 13), and SciMix is usually Monday evening.

I realize that not every paper will be readily convertible from an oral presentation to a poster, but I hope that each speaker will be able to do both without too much additional effort. The old photographs and diagrams that frequently accompany HIST papers should contribute to attractive and interesting posters. The advantages are that posters generally draw people who are genuinely interested, and participating in SciMix should help increase HIST's visibility within ACS. It could also be an opportunity for signing up new members.

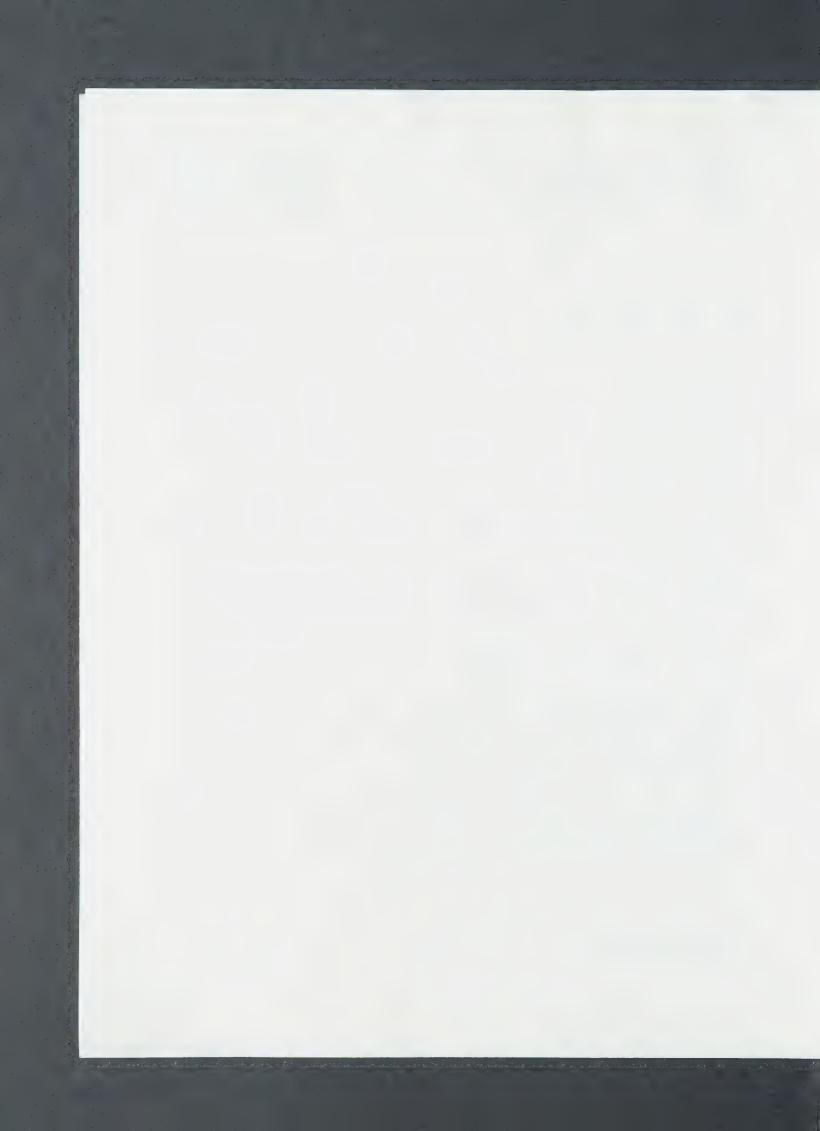
I hope that you'll decide to give your paper as a poster at SciMix as well. Please let me know of your decision as soon as possible, but no later than December 2, the deadline for abstracts. Thanks very much, and I hope to see you at SciMix, as well as the HIST general session.

Sincerely,

Richard E. Rice

Program Chair, HIST

Nichael E. Kies



DIVISION OF: History of Chemistry

TITLE OF PAPER: The Wiswesser-Loschmidt Connection: A Tribute to William J.

Wiswesser

Time required for Presentation 30 minutes

AUTHOR:
Alfred Bader, Ph.D.

Business Mailing Address/Phone:

924 East Juneau Ave., #622 Milwaukee, WI 53202

Ph: 414/277-0730 - Fax: 414/277-0709

ACS Member: Yes Division Member: Yes

American Chemist or Chemical Engineer: Ph.D.

Work Done at: Milwaukee, WI

Plan ACS XX non-ACS publication - Where? Bulletin

Specify Equipment Required for Presentation other than 2" X 2" slide or overhead (transparency) projector: (just overhead)

ABSTRACT:

William J. Wiswesser and Josef Loschmidt had a good deal in common. Both were shy, almost self-effacing chemists. Both spent years working in industry. Neither earned a Ph.D., though both received honorary doctorates.

Loschmidt was the first to write the correct structural formulae of hundreds of compounds, and Wiswesser considered these as the forerunners of his Wiswesser Line Notation. The WLN, a chemical shorthand based on valence-line diagrams, was of great importance in the early computerization of chemical structures. Loschmidt's chemical work was forgotten until Richard Anschütz discovered it in 1912. It was then largely forgotten again, until Wiswesser's paper in the *Aldrichimica Acta* in 1989. His paper has been severely criticized by historians of chemistry in Germany and the U.S., one even ending with the line, 'Goodbye Wiswesser'. But Wiswesser was right. The arguments will be discussed in detail.





924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

October 21, 1996

Via Facsimile: 406/243-4076 and Mail

Professor Richard E. Rice Liberal Studies Program University of Montana Missoula, MT 59812

Page 1 of 2 (fax) More by wail

Dear Professor Rice:

Enclosed please find the abstract of my paper to be given in San Francisco next April.

I am leaving for Britain on November 8th and will not return to Milwaukee until early January. I plan to work on this paper while in England and would appreciate your acknowledging before my departure that the abstract is satisfactory.

With many thanks for your help and best regards, I remain,

Yours sincerely,

AB/cw

Enclosures

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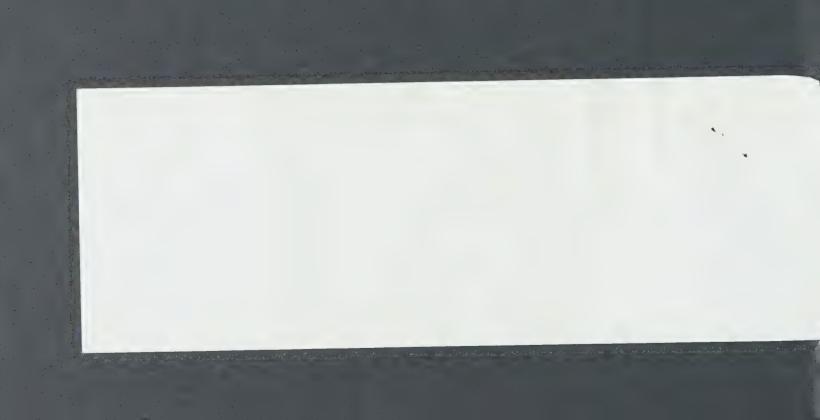
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Dr. Alfred Bader

924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

September 27, 1996

Professor Richard E. Rice Program Chair, HIST Liberal Studies Program University of Montana Missoula, MT 59812-1026

7ax 406 243 4076

Dear Professor Rice:

Unfortunately, your letterhead doesn't give a fax number and when I telephoned you today to ascertain that, I just heard a recording. I do hope that this letter will reach you before the October 1st deadline for my HIST paper in San Francisco next April.

The title is "The Wiswesser-Loschmidt Connection". Of course, I will have the abstract to you well before November 15th.

I much look forward to meeting you personally next April.

With best wishes, I remain,

Yours sincerely,

Qued Laar

AB/cw

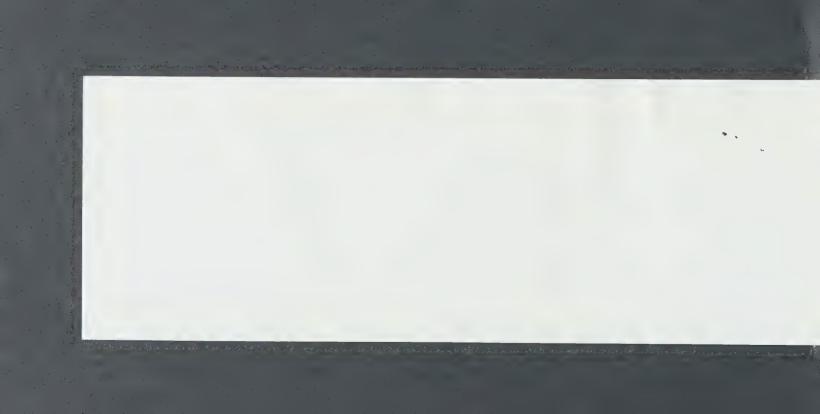
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" A Tribute la William J. Wis wesser

Pear Prof. Rice. I am glad to have your fax #. I tried to call you perend times, to me avair.



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Prepare 3 copies (original on Standard Abstract Form)

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 for Benefit of Editors.
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PROJECTION

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Dr. Alfred Bader

924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

October 11, 1996

American Chemical Society Room 207 1155 Sixteenth Street N.W. Washington, DC 20036

Dear Sir or Madam:

Please send Dr. Bader a free copy of Bulletin 8, "Handbook for Speakers", as indicated on your instructions regarding abstracts for ACS meeting papers. Thank you.

Best wishes,

Cheryl Weiss Office Manager





Department of Chemistry

Professor Lawrence Barton Chairman, Department of Chemistry 8001 Natural Bridge Road St. Louis, Missouri 63121

> Telephone (314)-516-5311 FAX (314)-516-5342 e-mail:lbarton@jinx.umsl.edu

July 9, 1996

Dr. Alfred Bader 2961 North Shepard Avenue Milwaukee, WI 53211

Dear Dr. Bader:

Thank you very much for the letter of recommendation for Dr. Nikolay Gerasimchuk for the postdoctoral appointment available in my laboratory. I appreciate the help it will be in the selection of the most suitable candidate.

Sincerely,

Lawrence Barton Professor and Chairman



UNIVERSITY
of
GLASGOW

20th November,

DAVID DEWAR MACNICOL, Ph.D., D.Sc., F.R.S.E.

Dr. Alfred Bader White Gables 2A Holmesdale Road Bexhill-on-sea East Sussex TN39 3QE

Dear Alfred, Many thanks for your letter of 17 November 1996. I certainly hope to be able to come to at least one of your five lectures in Edinburgh and look forward to meeting you there.

Thank you, also, for passing news of the big crystal bottleonto Aldrich. WILL Bost Personal Regards. Yourssinconly, David





Dr. Alfred Bader 924 East Juneau, Suite 622 Milwaukee, Wisconsin 53202 Phone: 414/277-0730 Fax: 414/277-0709

A Chemist Helping Chemists

April 11, 1996

Mr. David Manlowe PaineWebber, Inc. 1285 Avenue of the Americas New York, NY 10019

Dear Mr. Manlowe:

I have read your analysis on pages 17 through 22 of your recent *Investment Ideas in the Specialty Chemicals Industry* with great interest.

Your perceptive Sigma-Aldrich analysis stating that this is a great company with good prospects is essentially correct; that is why I have remained the largest individual stockholder.

However, in your analysis, I fear that you overlooked one important fact: As long as Tom Cori stays at the helm of Sigma-Aldrich, it will not go very far. He is so arrogant that most really able people will not want to join the company in top management.

I enclose copies of two pages from my autobiography pinpointing the problem, and I also enclose some other material that might interest and amuse you.

Please consider the latest annual report and proxy statement. What arrogance to wish to keep Andy Newman as a director, the man who drove Edison Brothers into bankruptcy. Of course, he is still on the Board because he has been a loyal friend of Cori's, approving his increasing salaries and bonuses.

Mr. David Manlowe April 11, 1996 Page 2

Note also that Robert Hurst, the director from Goldman-Sachs who replaced Jim Weinberg on the Board is no longer being nominated. The good reason you will hear is that he is just too busy; the real reason is much more likely to be that he didn't find the hassle worthwhile.

I would be happy to meet you personally when next you come to Milwaukee.

With best regards, I remain,

Yours sincerely,

AB/cw

Enclosures

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Co-Curricular Enrichment Committee

June 13, 1986

Ms. Marilyn Hassmann Aldrich Chemical Company, Inc. P.O. Box 355 Milwaukee, Wisconsin 53201

Dear Ms. Hassmann:

On behalf of the Artist/Lecture Series Committee, I would like to once again thank you for your assisstance in our efforts to negotiatate an agreeable date for Dr. Bader's visit to our campus. Thank you as well for conveying our appreciations to Dr. Bader for his consideration.

It is unfortuate that we were not able to establish a date for his visit, but as we discussed by phone today, we will look forward to seeking a future date for his visit. I will place Dr. Bader's name again on the list of potential speakers for the Public Affairs Lectureship for the 1987-88 academic year, and depending upon the decision of the committee, will be back in touch with you next year.

Once again, my thanks for your assisstance. Your patience and cooperation have been much appreciated.

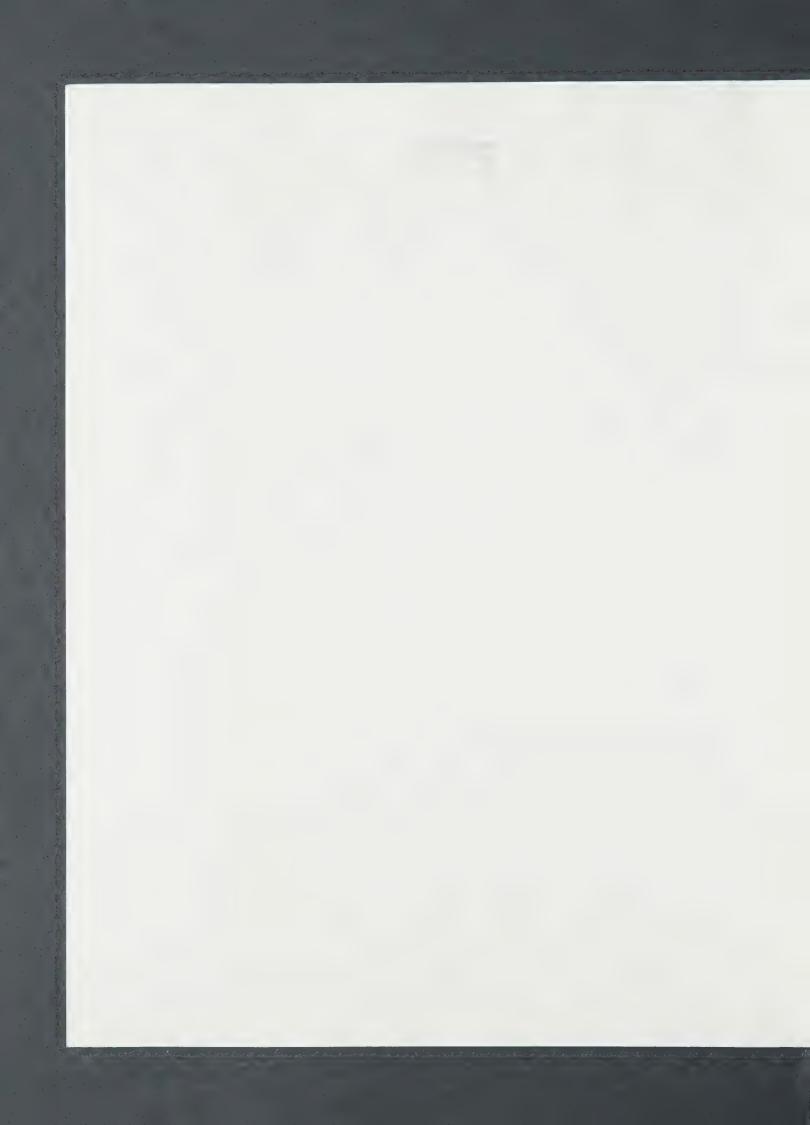
For the Co-Curricular Enrichment Committee, I am,

Sincerely yours, Jim McElever

Tim McElwee

Executive Secretary

Human Command Commen





aldrich chemical company.inc.

Dr. Alfred Bader Chairman

May 12, 1986

Mr. Richard S. Nichols Director of Development Manchester College North Manchester, Indiana 46962

Dear Mr. Nichols:

In response to your kind letter of May 8, I could not be with you on Saturday, April 25, but could be with you on Sunday evening, April 26, if that should also be convenient to you.

Best regards,

Alfred Bader

AB:mmh



Manchester College

Department of Public Relations

May 8, 1986

Dr. Alfred Bader, Chairman Aldrich Chemical Company 940 West St. Paul Avenue Milwaukee, Wisconsin 53233

Dear Dr. Bader:

Thank you for your prompt response to my invitation to speak at Manchester College. I understand your concern about Midwest weather in February.

As I said in my original letter, we are very interested in having you on our campus. May I suggest an alternate date which should avoid weather problems:

Saturday, April 25, 1987 - 8:00 p.m.

Please let me know if this new date is suitable to you. Our community is looking forward to your possible presentation in our 1986-87 Artist-Lecture Series.

Sincerely,

Richard S. Nicholzs Richard S. Nichols

Director of Development

RSN:rjs







aldrich chemical company.inc.

Dr. Alfred Bader Chairman

April 29, 1986

Mr. Richard S. Nichols Director of Development Manchester College North Manchester, Indiana 46962

Dear Mr. Nichols:

Thank you for your kind invitation to be with you next February.

Manchester College looks like a most interesting place, and yet I hope that you will understand my declining simply because traveling from Wisconsin to Manchester in February could be so very chancy. I pride myself never ever to have missed a speaking engagement, and yet that could easily happen when you would have to drive from Milwaukee to Manchester.

If you might ever have a time in the spring or autumn convenient to both of us, please do let me know.

Best regards.

Sincerely,

Alfred Bader

AB:mmh



Manchester College

April 17, 1986

Mr. Alfred Bader, Chairman Aldrich Chemical Company 940 West St. Paul Avenue Milwaukee, Wisconsin 53233

Dear Mr. Bader:

Thank you for agreeing to consider presenting a lecture on the arts at Manchester College as part of our Artist/Lecture Series. I want to share additional details about this program.

The Artist/Lecture Series consists of five programs from the arts and generally includes a lecture. The series is designed primarily for our student body, made up of 950 undergraduates. However, the series is publicized and the public is encouraged to attend.

On behalf of the Co-Curricular Enrichment Committee, which has planning responsibilities for the series, I want to invite you to participate in our 1986-87 Artist/Lecture Series. We hope that you will make a lecture presentation on art on one of the following preferred dates:

> Sunday, February 15, 1987, 3:00 p.m.; or Sunday, February 22, 1987, 3:00 p.m.

To facilitate your appearance here, we are able to pay transportation expenses and a small honorarium. We will also try to be as flexible as possible regarding schedule.

Enclosed is some information about Manchester College and our current Artist/Lecture Series brochure. I hope you will be able to accept our invitation to participate in this public program series next year.

To assist our committee in planning, it would be helpful to have your response as soon as possible. We would be pleased to have a summary of your presentation and your honorarium/expense requirements.

Thank you for considering this request. We will be extremely pleased to have you as part of our next Artist/Lecture Series.

Sincerely,

Richard S. Nichols

Director of Development

Pol 15. Rudal



TELEX / FAX MEMO:

ALDRICH-GERMANY

F. om: 77 Griesingu dictated by Dr. Bader To: 7 LH-USF Date: 6/12/86

Attn: Marilyn Hassmann Pages of 1 pages

Re: Manchester College

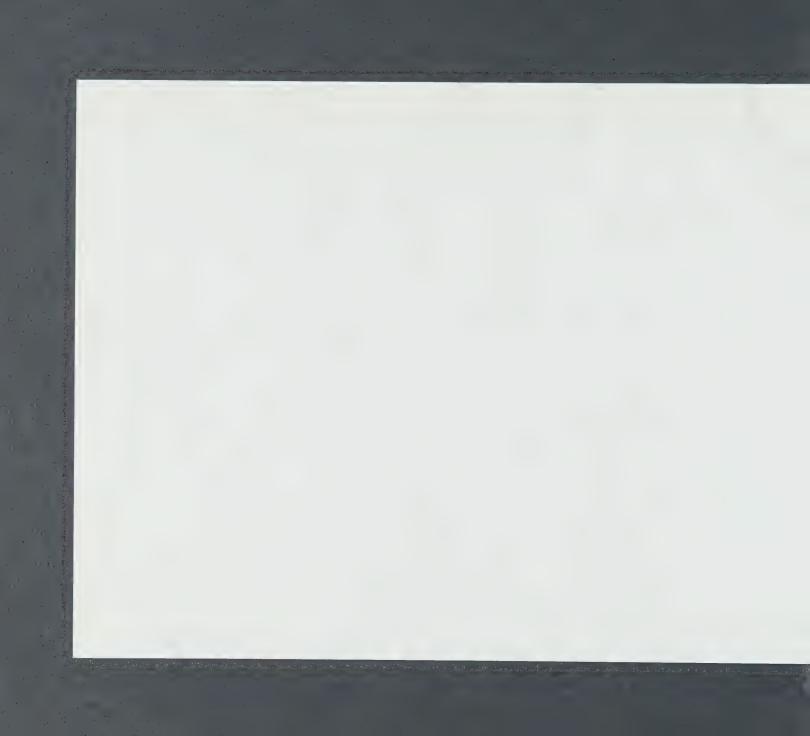
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Best regards

Flefred Badu

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Department of Public Relations

May 16, 1986

Dr. Alfred Bader, Chairman Aldrich Chemical Company 940 West St. Paul Avenue Milwaukee, Wisconsin 53233

Dear Dr. Bader:

Thank you for offering an alternate date to speak on our campus. Sunday, April 26, 1987, is open on our calendar. It appears we have a mutually agreeable time.

To be certain our Artist-Lecture Series operates within its approved budget, I will appreciate receiving your honorarium and travel expense requirements for the program. To assist in our planning, we need to know what, if any, audio-visuals you will use (slides, etc.).

Reverend Tim McElwee, who serves as secretary for the Artist-Lecture Committee, will be in touch with you soon to finalize details of your appearance.

Our community will now look forward to your participation in the 1986-87 Artist-Lecture Series. It should be an enriching experience.

Sincerely,

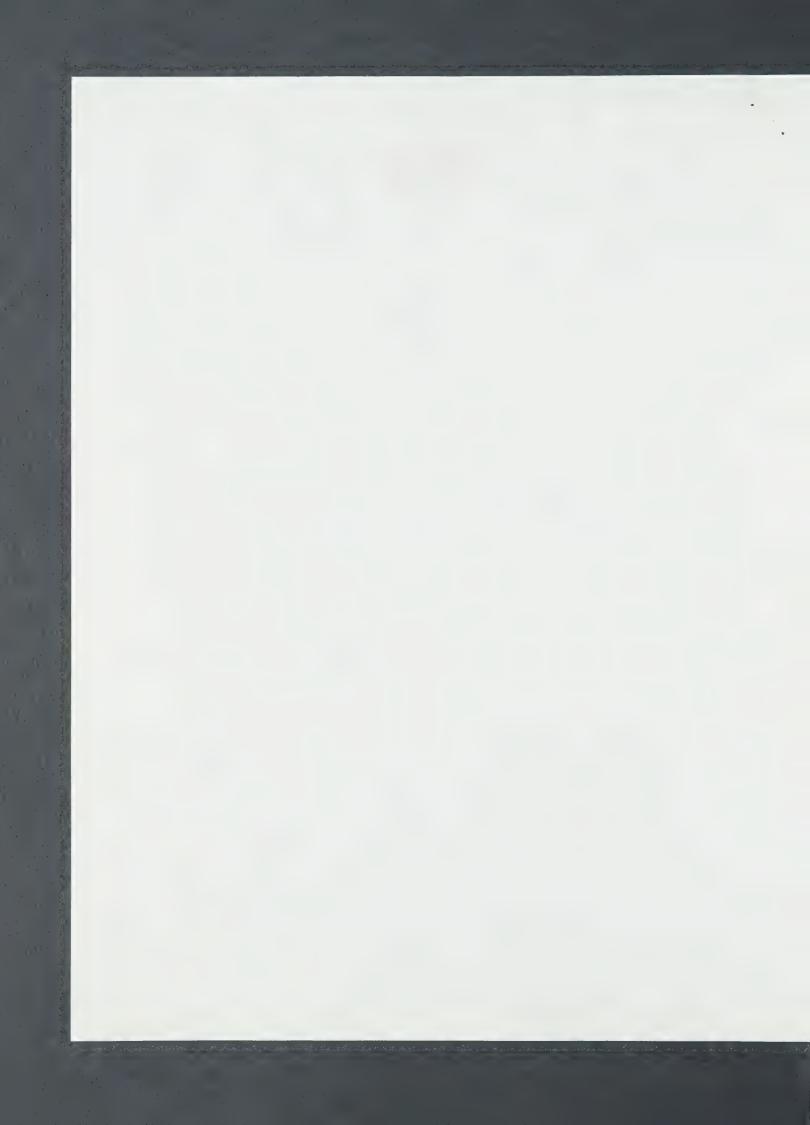
Richard S. Nichols

Director of Development

RSN:rjs

cc: Reverend Tim McElwee







aldrich chemical company.inc.

May 19, 1986

Dr. Richard S. Nichols
Director of Development
Manchester College
North Manchester, Indiana 46962

Dear Dr. Nichols:

Your letter to Dr. Bader has been received while he is out of the country. This matter will be brought to his attention when he returns to the office the end of July.

In the meantime, please find enclosed abstracts of two talks you might like to consider—"Chemistry in Art" and "The Bible through Dutch Eyes." Also enclosed is some biographical data. For either talk Dr. Bader will need two screens (or one large screen) so that he can show two slides simultaneously. Dr. Bader will bring his own packed Kodak Carousels. If you need a photograph please let me know.

About the two talks, "Chemistry in Art" is given most often at A.C.S. evening meetings, while "The Bible through Dutch Eyes" is delivered at art museums, art-history departments.

You might like to include in your announcement that if anyone has old paintings about which they would like advice regarding restoration or identification, Dr. Bader would be happy to look at them before his talk.

Regarding honorarium and travel expenses, Rev. McElwee can discuss this with Dr. Bader when Dr. Bader returns to the office. If I can be of any further assistance, please let me know.

Cordially,

Marilyn Hassmann Secretary to Dr. Bader

Enclosures





aldrich chemical company.inc.

Dr. Alfred Bader Chairman

May 12, 1986

Mr. Richard S. Nichols Director of Development Manchester College North Manchester, Indiana 46962

Dear Mr. Nichols:

In response to your kind letter of May 8, I could not be with you on Saturday, April 25, but could be with you on Sunday evening, April 26, if that should also be convenient to you.

Best regards,

Alfred Bader

AB:mmh





aldrich chemical company.inc.

Dr. Alfred Bader Chairman

April 29, 1986

Mr. Richard S. Nichols
Director of Development
Manchester College
North Manchester, Indiana 46962

Dear Mr. Nichols:

Thank you for your kind invitation to be with you next February.

Manchester College looks like a most interesting place, and yet I hope that you will understand my declining simply because traveling from Wisconsin to Manchester in February could be so very chancy. I pride myself never ever to have missed a speaking engagement, and yet that could easily happen when you would have to drive from Milwaukee to Manchester.

If you might ever have a time in the spring or autumn convenient to both of us, please do let me know.

Best regards.

Sincerely,

Alfred Bader

AB:mmh

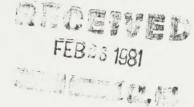


MASSACHUSETTS INSTITUTE OF TECHNOLOGY

DEPARTMENT OF CHEMISTRY
CAMBRIDGE, MASSACHUSETTS 02139

February 23, 1981

Dr. Alfred Bader, President Aldrich Chemical Company, Inc. P. O. Box 355 Milwaukee, Wisconsin 53201



Dear Alfred:

I am embarrassed to be so late in thanking you for the lovely etching by Isobel Hogg which you sent me last December. I am very fond of it and am grateful to you once again for your generosity. We are finally getting settled in here but life is still very hectic.

In regard to your letter of February II on the subject of tartrate derivatives, we already have kilo quantities of (+) and (-) tartrate derivatives on hand. Some of these we bought from Aldrich, but since we have 100 lbs of the (+)-acid (at a cost of \$200 from Pfizer), we have made most of the (+)-derivatives ourselves. We have also recently purchased IO and 5 kilos respectively of the (+) and (-)-diethyl tartrates along with a kilo of the (-) acid from Chemische Fabrik Uetikon. I hope you don't feel this means we've abandoned Aldrich for tartrates. It is just that I sometimes enjoy shopping around and thereby checking the quality of materials from different sources. This means that when people call me with a complaint about one of our reactions, I can respond better to their problem. Which reminds me, we found that Alfa's 70% TBHP is the one commercial grade of TBHP which we said (Aldrich review) must be avoided. Their stuff contained $\sim\!\!20\%$ of di-tert-butyl peroxide. We called them and they removed it all from the shelves. Alfa seems to be having serious problems. In the past year we also received two inorganics from them which were mislabeled.

In summary, we are still loyal Aldrich customers and I would guess we buy about 90% of our fine chemicals from you. However, when it comes to the tartrates and titanium isopropoxide (I recently asked John Long to order me 100 lbs of titanium isopropoxide), I have a feeling you will soon be selling not kilos but tons.

You already sell (+) and (-) diethyl tartrate and (+)-dimethyl tartrate. I think you should also offer (-)-dimethyl tartrate (Fluka already does). However, the most important suggestion I would like to make at this time is that you also offer both (+) and (-)-diisopropyl tartrate (DIPT). We have found that DIPT is head and shoulders above the other tartrates for the kinetic resolution of racemic allylic alcohols.

-2-February 23, 1981 Dr. Alfred Bader This will be very apparent in a forthcoming publication which I will send to you as soon as we get it written. In the meantime, if you could mention this to Ike and Tom, perhaps one of them would call me and we could discuss All best wishes to you and my other friends at Aldrich for a happy and successful 1981. Sincerely yours, K. Barry Sharpless Professor of Chemistry KBS:fp P.S. The procedure we use for preparing DIPT is Austin, P.C., J. Chem. Soc., 1928, 1831.