UNIVERSITÄT ZU KÖLN Institut für Organische Chemie PROF. DR. A. BERKESSEL Geschäftsführender Direktor

GREINSTRASSE 4 D-50939 KÖLN

TELEFON: (0221) 470-3283, 5723 TELEFAX: (0221) 470-5102 BERKESSEL@UNI-KOELN.DE

Professor Sason Shaik Department of Organic Chemistry The Hebrew University Givat Ram Campus Jerusalem 91904 Israel

March 15, 2004

Kurt-Alder-Lectureship 2004

Dear Professor Shaik:

The Institute of Organic Chemistry of Cologne University maintains two lecture series in honour of Kurt Alder and of Otto Bayer, both of whom are closely related to this department. This year's lecture will be in the honour of Kurt Alder, former head of the department and Nobel laureate of 1950. The invitation to give this lecture is an award to outstanding scientists in the field of organic chemistry and related disciplines. The attached list of former Kurt-Alder- and Otto-Bayer-lecturers comprises 17 world-leading scientists, including three Nobel laureates.

As the current chairman of the Kurt-Alder-Foundation, it is my pleasure to ask you to accept the invitation to be the Kurt-Alder-Lecturer 2004. This award is offered to you based on your ground-breaking work in theoretical and computational chemistry, aiming at the understanding of chemical and biochemical reactivity, in particular with respect to the revolutionary concept of multistate reactivity in organometallic chemistry and catalysis. The Kurt-Alder-Lecture 2004 is scheduled for Monday, June 28, 2004. My colleagues and I would greatly appreciate if you could come to Cologne for a couple of days, so that there will be sufficient time for scientific discussion with both our faculty and students.

Dear Professor Shaik, my colleagues and I would be very honoured if you could accept this award and be the Kurt-Alder-Lecturer 2004. Please let us know about your decision at your earliest convenience.

With kind regards

1. School

Prof. Dr. Albrecht Berkessel

List of former Kurt Alder- and Otto Bayer- Lecturers:

2003 Hisashi Yamamoto, University of Chicago and Nagoya University

2002 Kyriakos C. Nicolaou, Scripps Research Institute, La Jolla

2002 Helmut Schwarz, Technische Universitaet Berlin

2001 Albert Eschenmoser, ETH Zuerich and Scripps Research Institute, La Jolla

2000 Ryoji Noyori, Nagoya University (Nobel Laureate 2002)

1999 Dieter Seebach, ETH Zuerich

1998 Ronald Breslow, Columbia University, New York

1997 Manfred Reetz, Max-Planck-Institut, Muelheim

1996 François Diederich, ETH Zuerich

1995 Richard Smalley, Rice University, Houston (Nobel Laureate 1996)

1994 Guenther Wilke, Max-Planck-Institut, Muelheim

1993 Heinz A. Staab, Max-Planck-Institut, Heidelberg

1992 E. J. Corey, Harvard, Cambridge MA (Nobel Laureate 1990)

1992 Satoru Masamune, MIT, Cambridge MA

1991 Alan Battersby, Cambridge UK

1991 Teruaki Mukaiyama, Science University, Tokio

1990 W. von E. Doering, Harvard, Cambridge MA

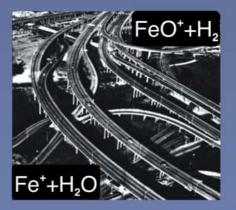


Prof. Sason Shaik

Hebrew University, Jerusalem

One Reagent, Many Pathways:
Two State and Multi-State Reactivity Patterns
- Bond Activation Reactions by Metal-Oxo Reagents -





Montag, 28. Juni 2004 17 Uhr c.t.



Kurt-Alder-Hörsaal Chemische Institute der Universität zu Köln

Greinstr. 4-6, 50939 Köln

Universität zu Köln Institut für Organische Chemie



CERTIFICATE

This is to certify that

Professor Sason Shaik

has given the Kurt-Alder-Lecture 2004

One Reagent, Many Pathways: Two State and Multi-State Reactivity Patterns - Bond Activation Reactions by Metal-Oxo Reagents -

Cologne, June 28th 2004

President of the Kurt-Alder Foundation

Former Kurt-Alder lecturers:

1990 Prof. William von Eggers Doering

1991 Prof. Alan R. Battersby

1992 Prof. Elias J. Corey

1994 Prof. Günther Wilke

1995 Prof. Richard E. Smalley

1996 Prof. François Diederich

1998 Prof. Ronald Breslow

2000 Prof. Ryoji Noyori

2001 Prof. Albert Eschenmoser2002 Prof. K.C. Nicolaou

2004 Prof. Sason Shaik