Philip B. Wedegaertner
ACKNOWLEDGEMENT

This oral history is part of a series supported by a grant from the Pew Charitable Trusts based on the Pew Scholars Program in the Biomedical Sciences. This collection is an important resource for the history of biomedicine, recording the life and careers of young, distinguished biomedical scientists and of Pew Biomedical Scholar Advisory Committee members.

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Oral History Interview Agreement No. 072903A

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Interviewee agrees to participate in a series of University-conducted tape-recorded interviews, commencing on or about June 12, 2003, and tentatively entitled "Interview with Philip B. Wedegaertner." This Agreement relates to any and all materials originating from the interviews, namely the tape recordings of the interviews and a written manuscript prepared from the tapes, hereinafter collectively called "the Work."

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6. All notices and other official correspondence concerning this Agreement will be sent to the following:
University and Interviewee have executed this Agreement on the date first written above.

INTERVIEWEE

×

(Signature)

Philip B. Wedegaertner
(Typed Name)

Department of Microbiology and
Immunology
(Address)

Kimmel Cancer Institute

Thomas Jefferson University

Philadelphia, Pennsylvania 19107

Date 6/9/03

THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA

Janice L. Reiff
(Signature)

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(Title)

Date 7/29/03
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PHILIP B. WEDEGAERTNER

1964 Born in Stockton, California, on 19 March

Education

1986 B.S. (Honors), Biochemistry, University of California, Davis
1991 Ph.D., Biochemistry, University of California, San Diego

Professional Experience

Centre D’Etudes Nucleaires De Grenoble, France
1991-1992 Postdoctoral Fellow, Department of Medicine

University of California, San Francisco, California
1992-1996 Postdoctoral Fellow, Department of Cellular & Molecular Pharmacology

Thomas Jefferson University, Kimmel Cancer Center
1996-2003 Assistant Professor, Department of Microbiology & Immunology
2003-present Associate Professor, Department of Microbiology & Immunology

Honors

1997 Margaret Q. Landenberger Research Foundation grant
1997-1998 Beginning Grant-in-Aid from the American Heart Association,
Southeastern Pennsylvania Affiliate
1997-1998 James A. Shannon Director’s Award from the National Institute of
General Medical Sciences
1997-2001 Pew Scholars Program in the Biomedical Sciences Grant
1999-2001 W.W. Smith Charitable Trusts grant for Cancer Research

Selected Publications

association between activated Gaq and GJ31 disrupts receptor-dependent and receptor-
independent signaling, Cellular Signaling, in press.
disrupt interaction with p1 15RhoGEF, Oncogene, in press.


Reviews, Book Chapters, and others:


Wedegaertner, P.B. (1991) Expression, purification, and characterization of the tyrosine kinase domain of the epidermal growth factor receptor (Thesis)
ABSTRACT

Philip B. Wedegaertner grew up in Stockton, California, the younger of two siblings. His father was an organic chemistry professor at the University of the Pacific; his mother held several part-time, volunteer positions while raising her children, though, later in life, went to college at the University of the Pacific and obtained her bachelor’s degree in history. Wedegaertner enjoyed reading, playing sports (he joined the wrestling team in high school), and camping (he became an Eagle Scout in the Boy Scouts of America). He met the woman who later became his wife in high school through church activities; he always did well in school, liking mathematics and the sciences, but was unsure of what career he wanted to pursue.

He matriculated at the University of California, Davis with an undeclared major for his first two years there; subsequently he majored in biochemistry with a minor in history. During the summer of his junior year Wedegaertner worked with James W. Blankenship in the School of Pharmacy at University of the Pacific; during his senior year he worked closely with a graduate student in Donald M. Carlson’s laboratory on various independent projects. After completing his undergraduate degree, Wedegaertner decided to remain on the West Coast and pursue graduate work in biochemistry at the University of California, San Diego. There he worked with Gordon N. Gill—after developing an interest in signal transduction—synthesizing and characterizing the tyrosine kinase domain of the epidermal growth factor receptor. Wedegaertner then decided to go abroad and took a short-term postdoctoral fellowship with Claude Cochet, who had worked with Gill, in Grenoble, France; then he returned to the United States and studied with Henry R. Bourne at the University of California, San Francisco, focusing on lipid modifications of G proteins. At the end of his postdoctoral studies, Wedegaertner accepted a position at Thomas Jefferson University in Philadelphia, Pennsylvania, continuing work on G proteins.

Throughout the end of the interview he speaks about the process of writing journal articles in the various labs in which he worked, and in his own; how he balances his family life and career; the issue of patents; and the qualities of a good scientist. The interview ends with Wedegaertner’s thoughts on the history of science; tenure at Thomas Jefferson University; competition and collaboration in science; the national scientific agenda; the privatization of scientific research; the impact of the Pew Scholars Program in the Biomedical Sciences on his work; and lessons learned in becoming a principal investigator.
UCLA INTERVIEW HISTORY

INTERVIEWER:

William Van Benschoten, Interviewer, UCLA Oral History Program. B.A., History, University of California, Riverside; M.A., History, University of California, Riverside; C. Phil., History, UCLA

TIME AND SETTING OF INTERVIEW:

Place: Wedegaertner’s office, Thomas Jefferson University.

Dates, length of sessions: June 8, 2003; June 10, 2003; and June 11, 2003.

Total number of recorded hours: 6.0

Persons present during interview: Wedegaertner and Van Benschoten.

CONDUCT OF INTERVIEW:

This interview is one in a series with Pew Scholars in the Biomedical Sciences conducted by the UCLA Oral History Program in conjunction with the Pew Charitable Trusts’s Pew Scholars in the Biomedical Sciences Oral History and Archives Project. The project has been designed to document the backgrounds, education, and research of biomedical scientists awarded four-year Pew scholarships since 1988.

To provide an overall framework for project interviews, the director of the UCLA Oral History Program and three UCLA faculty project consultants developed a topic outline. In preparing for this interview, Van Benschoten held a telephone preinterview conversation with Wedegaertner to obtain written background information (curriculum vitae, copies of published articles, etc.) and agree on an interviewing schedule. He also reviewed documentation in Wedegaertner’s file at the Pew Scholars Program office in San Francisco, including Wedegaertner’s proposal application, letters of recommendation, and reviews by Pew Scholars Program national advisory committee members.

ORIGINAL EDITING:

Carol Squires edited the interview. She checked the verbatim transcript of the interview against the original tape recordings, edited for punctuation, paragraphing, and spelling, and verified proper names. Words and phrases inserted by the editor have been bracketed.

Wedegaertner did review the transcript. He verified proper names and made minor corrections and additions.

Carol Squires prepared the table of contents and compiled the guide to proper names.
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