

## Ratain Curriculum Vitae – Revised 7/8/2016

MARK J. RATAIN, M.D.

Date of Birth: November 23, 1954  
Place of Birth: Washington, D.C.  
Marital Status: Married

### Education

1976 Harvard University, A.B. (biochemical sciences, magna cum laude)  
1980 Yale University School of Medicine, M.D. (thesis -"Elicitation of the late nasal and cutaneous response: the possible role of eosinophils and basophils")

### Professional Positions

1972-1977 Computer programmer/systems analyst - part-time. System Sciences, Inc., Bethesda, MD  
1980-1981 Intern, Osler Medical Service, Johns Hopkins Hospital, Baltimore, MD  
1981-1983 Resident, Osler Medical Service, Johns Hopkins Hospital, Baltimore, MD  
1983-1986 Fellow, Section of Hematology/Oncology, Department of Medicine, The University of Chicago, Chicago, IL  
1986-1988 Associate Attending Member, Department of Medicine, Division of Hematology/Oncology, Michael Reese Hospital and Medical Center, Chicago, IL  
1986-1987 Instructor, Department of Medicine, Section of Hematology/Oncology, and Committee on Clinical Pharmacology, The University of Chicago, Chicago, IL  
1987-1991 Assistant Professor, Department of Medicine, Section of Hematology/Oncology, and Committee on Clinical Pharmacology, The University of Chicago, Chicago, IL  
1988-1989 Attending Member, Department of Medicine, Division of Hematology/Oncology, Michael Reese Hospital and Medical Center, Chicago, IL  
1988-1992 Director of Clinical Pharmacology, Section of Hematology/Oncology, The University of Chicago, Chicago, IL  
1991-1995 Director, Developmental Therapeutics Program, Cancer Research Center, The University of Chicago, Chicago, IL  
1991-1995 Associate Professor, Department of Medicine, Section of Hematology/Oncology, Committee on Clinical Pharmacology, and Cancer Research Center, The University of Chicago, Chicago, IL  
1992-2010 Chairman, Committee on Clinical Pharmacology and Pharmacogenomics<sup>\*</sup>, The University of Chicago, Chicago, IL  
1995-2002 Professor, Department of Medicine, Section of Hematology/Oncology, Committee on Clinical Pharmacology and Pharmacogenomics<sup>\*</sup>, and Cancer Research Center, The University of Chicago, Chicago, IL

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1995-2000 Co-Director, Clinical and Experimental Therapeutics Program, Cancer Research Center, The University of Chicago, Chicago, IL

2002- **Leon O. Jacobson Professor, Department of Medicine, Section of Hematology/Oncology, Committee on Clinical Pharmacology and Pharmacogenomics , and Comprehensive Cancer Center<sup>†</sup>, The University of Chicago, Chicago, IL**

1999- **Associate Director for Clinical Sciences, Comprehensive Cancer Center<sup>†</sup>, The University of Chicago, Chicago, IL**

2010- **Director, Center for Personalized Therapeutics, The University of Chicago, Chicago, IL**

2010- **Chief Hospital Pharmacologist, The University of Chicago Medicine<sup>&</sup>, Chicago, IL**

<sup>†</sup>previously Committee on Clinical Pharmacology

<sup>†</sup>previously Cancer Research Center

<sup>&</sup>previously University of Chicago Medical Center

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### Research Review and Related Federal Service

#### National Institutes of Health

Ad Hoc Reviewer, Experimental Therapeutics Study Section, Division of Research Grants 1986  
Special Review Committee, National Cancer Institute 1991  
Consultant Reviewer, Department of Veteran Affairs 1993  
Ad Hoc Reviewer, National Cancer Institute 1993  
Special Study Section (Small Business Innovative Research Program), Division of Research Grants 1994  
Ad Hoc Reviewer, National Center for Research Resources 1997  
Reviewer, Intramural Review Office, Pediatric Oncology Branch, National Cancer Institute 1998  
Clinical Oncology Special Emphasis Panel, Oncological Science Initial Review Group, Center for Scientific Review 1999-2000  
Clinical Advisory Working Group, National Institute of General Medical Sciences 1999  
Ad Hoc Reviewer, Drug Development Group, National Cancer Institute 2000, 2001  
Data and Safety Monitoring Board (T-Cell Depleted Auto Stem Cell Transplant Trial for Systemic Sclerosis), National Institute of Arthritis and Musculoskeletal Diseases 2002-2005  
Clinical Trials Working Group, National Cancer Advisory Board, National Cancer Institute 2004-2005  
Investigational Drug Steering Committee, National Cancer Institute 2005-2016 (Co-Chair, Steering Committee, 2005-2008; Co-Chair, Clinical Trials Design Task Force, 2012-2016)  
National Institute of General Medical Sciences Special Emphasis Panel 2006  
Subcommittee J - Population and Patient-Oriented Training, National Cancer Institute Initial Review Group (Ad Hoc Reviewer 2006; Member 2006-2009)  
Reviewer, NIH Director's New Innovator Awards 2008  
Reviewer, Center for Scientific Review 2010  
National Institute of General Medical Sciences Special Emphasis Panel 2013, 2014

#### Dutch Cancer Society

Ad Hoc Reviewer 1994, 1999

#### The Cancer Society of New Zealand

Ad Hoc Reviewer 1994

#### Joint Infrastructure Fund, Wellcome Trust

Ad Hoc Reviewer 1998, 2000

#### Institut National du Cancer

Ad Hoc Reviewer 2010

#### Christian Doppler Research Association

Ad Hoc Reviewer 2011

#### Pennsylvania Department of Health

Ad Hoc Reviewer 2012-2014, 2016

#### Florida Department of Health

Ad Hoc Reviewer 2015-2016

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### National and International Organizations

#### Cancer and Leukemia Group B

Chemotherapy Committee 1988-1990  
Breast Committee 1989-1998  
Ad Hoc Committee on Relations with Pharmaceutical Companies 1989-1990  
Pharmacology and Experimental Therapeutics Committee 1990-2011 (Chair, 1994-2011)  
Ad Hoc Nominating Committee 1989-1990  
Industrial Relations Committee 1992-1993  
Executive Committee 1993-1996  
Board of Directors 1993-2011  
Chair, Ad Hoc Committee on Conflict of Interest 1994-1996  
Chair, Conflict of Interest Committee 1996-1998

#### American Federation for Clinical Research

Medical School Representative 1988-1989

#### American Society for Clinical Pharmacology and Therapeutics

Hematologic and Neoplastic Diseases Section 1988-2007 (Vice Chair, 1988-1992; Chair, 1992-1995)  
Government Affairs Committee 1990-2002 (Vice Chair, 1997-2002)  
Long Range Planning Committee 1990-1993  
Committee on Coordination of Scientific Sections 1992-1995, 1998-2001 (Chair, 1998-2001)  
Scientific Program Committee 1993-1994, 1996-1998, 2001-2004 (Vice Chair 2001-2002, Chair 2002-2003, Immediate Past Chair 2003-2004)  
Nominating Committee 1995-1996  
Board of Directors 1997-2001  
Executive Committee 1998-2001  
Communications and Public Relations Committee 1998-2001  
Committee on Substance Abuse 1998-2001  
Membership Committee 2000-2003  
**Molecular Pharmacology and Pharmacogenetics Section 2001-2007**  
Pharmacokinetics and Drug Metabolism Section 2001-2007  
**Oncology Section 2007-2016**  
**Pharmacometrics and Pharmacokinetics 2007-2016**

#### International Workshops on Pharmacodynamics of Anticancer Agents

First International Workshop on Pharmacodynamics of Anticancer Agents (Fontana, WI), Co-Organizer 1989  
Second International Workshop on Pharmacodynamics of Anticancer Agents (Eze, France), Co-Organizer 1992  
Third International Workshop on Pharmacodynamics of Anticancer Agents (Irvington, VA), Co-Organizer 1995  
Fourth International Workshop on Pharmacodynamics of Anticancer Agents (Dunkeld, Scotland), Co-Organizer 1998  
Fifth International Workshop on Pharmacodynamics of Anticancer Agents (Sea Island, GA), Co-Organizer 2001  
Sixth International Workshop on Pharmacodynamics of Anticancer Agents (Venice, Italy), Co-Organizer 2004  
Seventh International Workshop on Pharmacodynamics of Anticancer Agents (Guanacaste, Costa Rica), Co-Organizer 2007  
Eighth International Workshop on Pharmacodynamics of Anticancer Agents (Hakone, Japan), Co-Organizer 2010  
Ninth International Workshop on Pharmacodynamics of Anticancer Agents (Hexham, England), Co-Organizer 2013  
**Tenth International Workshop on Pharmacodynamics of Anticancer Agents (Skamania, WA), Co-Organizer 2016**

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### American Society of Clinical Oncology

Committee for Patient Advocacy 1990-1992  
Audit and Finance Committee 1990-1994 (Chair, 1990-1994)  
Secretary-Treasurer 1994-1997  
Board of Directors 1994-1997  
Executive Committee 1994-1997  
Strategic Planning Committee 1994-1998  
Program Committee 1995-1997, 1998-2000 (Subchair for Clinical Pharmacology, 1995-1996;  
Board Liaison, 1995-1996)  
Industry/Exhibits Committee 1995-1997 (Board Liaison, 1995-1997)  
Ad Hoc Committee to Develop ASCO OnLine 1995  
Clinical Methods Workshop Program Committee 1995-1997  
OnLine Committee 1995-2000  
Subcommittee on Phase I Clinical Trials, Public Issues Committee 1996 (Chair, 1996)  
Publications Committee 1997-2000 (OnLine Committee Liaison 1997-2000)  
Continuing Medical Education Committee 1997-2000 (Chair, 1997-1999; Immediate Past Chair,  
1999-2000)  
Cancer Education Committee 2000-2003 (Track Team Leader, Pharmacology/Drug Development,  
2002-2003)  
Translational Research Task Force 2005  
Cancer Research Committee 2007-2010 (Chair, Pre-Phase III Working Group 2008-2010)

### European Organization for Research and Treatment of Cancer

Pharmacology and Molecular Mechanisms Group (Corresponding Member) 1990-2004

### National Board of Medical Examiners

Step 3 Test Material Development Committee for Utilization of Resources, United States Medical  
Licensing Examination 1997-1998

### Pharmacogenomics (previously Pharmacogenetics) of Anticancer Agents Research Group

Founding Chair 2000-2015

### Pharmacogenomics (previously Pharmacogenetics) Research Network

Steering Committee 2000-2015 (Chair, 2000-2003)  
Coordinating Committee 2003-2004, 2007-2008  
Cancer Partnerships Working Group 2006-2010 (Co-Chair, 2006-2010)

### U.S. Pharmacopeia

Oncologic Disease Expert Committee 2000-2003

### Institut Pasteur Euroconferences

Pharmacogenomics 2, Scientific Committee 2001-2002

### American Board of Clinical Pharmacology

Governing Board 2002-2007  
Credentials Committee 2002-2007 (Chair, 2004-2007)

### American Association for Cancer Research

**Program Committee 2002-2003, 2006-2007, 2012-2013, 2014-**  
Scientific Committee AACR-EORTC-NCI Symposia 2003-2006  
Education Committee 2006-2007  
Pancreatic Cancer Action Network-AACR Research Acceleration Network Grant Scientific Review  
Committee 2012-2015

### Accreditation Council for Continuing Medical Education

Content Validation Advisory Group 2003

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