

Microsomes and Drug Oxidations

1968-2014

46 years of scientific tradition in the field of
drug metabolism

Microsomes and Drug Oxidations (MDO) series of meetings

<http://www.mdo.ki.se/>

Microsomes and Drug Oxidations (MDO) constitutes the major series of international symposia in the field of drug metabolism and related areas.

The MDO meetings encompass the areas of **drug metabolizing enzymes, drug receptors and drug transporters** including their

- Biophysics,
- Biochemistry
- Molecular biology
- Structure and function
- Molecular genetics
- Polymorphism
- Regulation
- Clinical aspects

Particular emphasis is given to the importance of discoveries in basic science to drug development

International Advisory Committee

Honorary Emeritus members:

Jud Coon – Ann Arbor, USA

Tsuneo Omura – Fukuoka, Japan



Members:

Alex Archakov – Moscow, Russia

Thomas Baillie – Rahway, USA

Xinxin Ding – Albany, USA

Elisabeth Gillam – Brisbane, Australia

Frank Gonzales – Bethesda, USA

Fred Guengerich – Nashville, USA

Jim Halpert – San Diego, USA

Magnus Ingelman-Sundberg – Stockholm, Sweden (Chairman)

Eric Johnson – La Jolla, USA

Larry Kaminsky – Albany, USA

Richard Kim – Nashville, USA

Peter Mackenzie – Bedford Park, Australia

Urs Meyer – Basel, Switzerland

Paul Ortiz de Montellano - San Francisco, USA

Masa Negishi – Research Triangle Park, USA

Munir Pirmohamed – Liverpool, UK

Russel A Prough – Louisville, USA

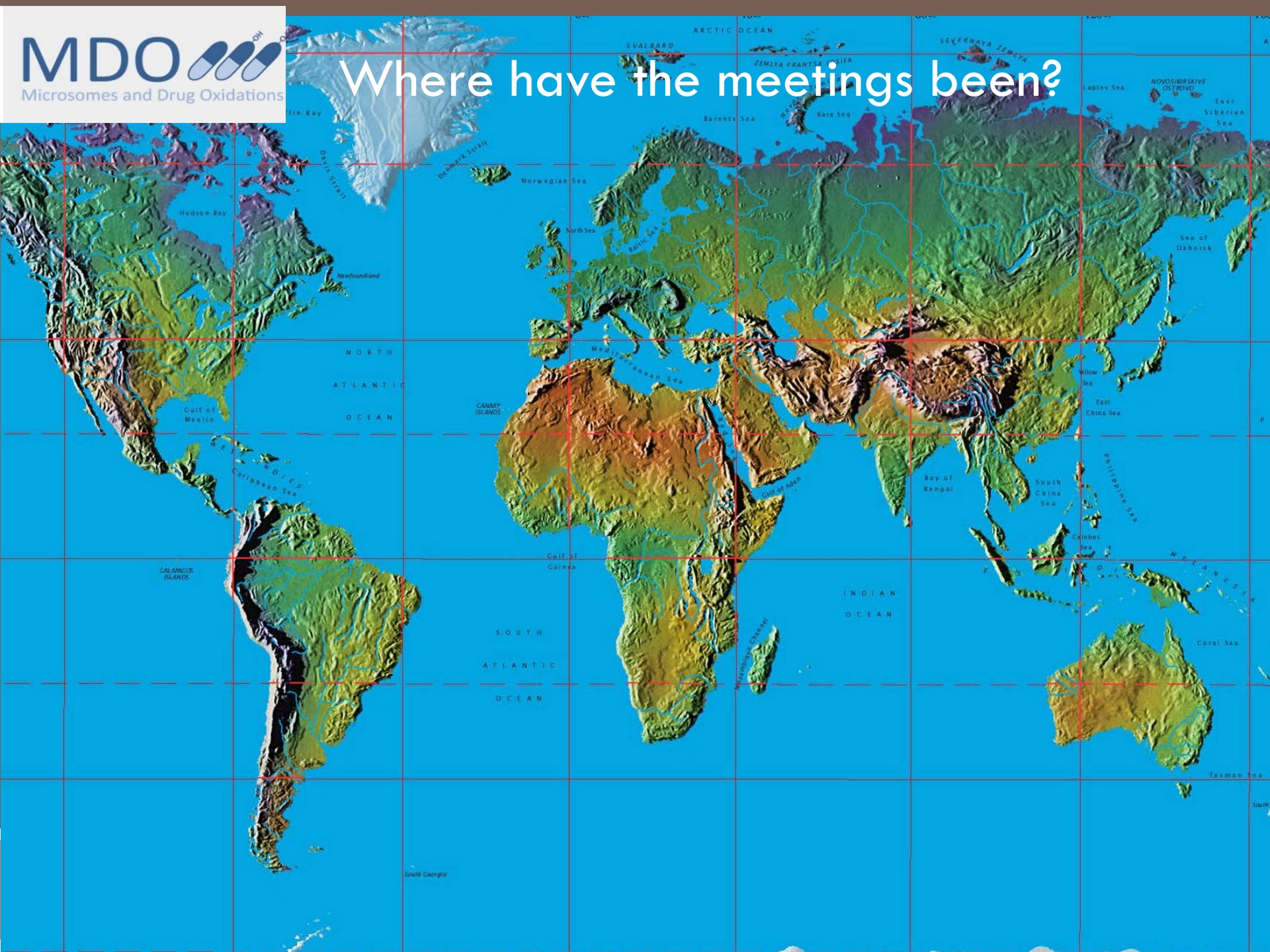
Yuichi Sugiyama – Tokyo, Japan

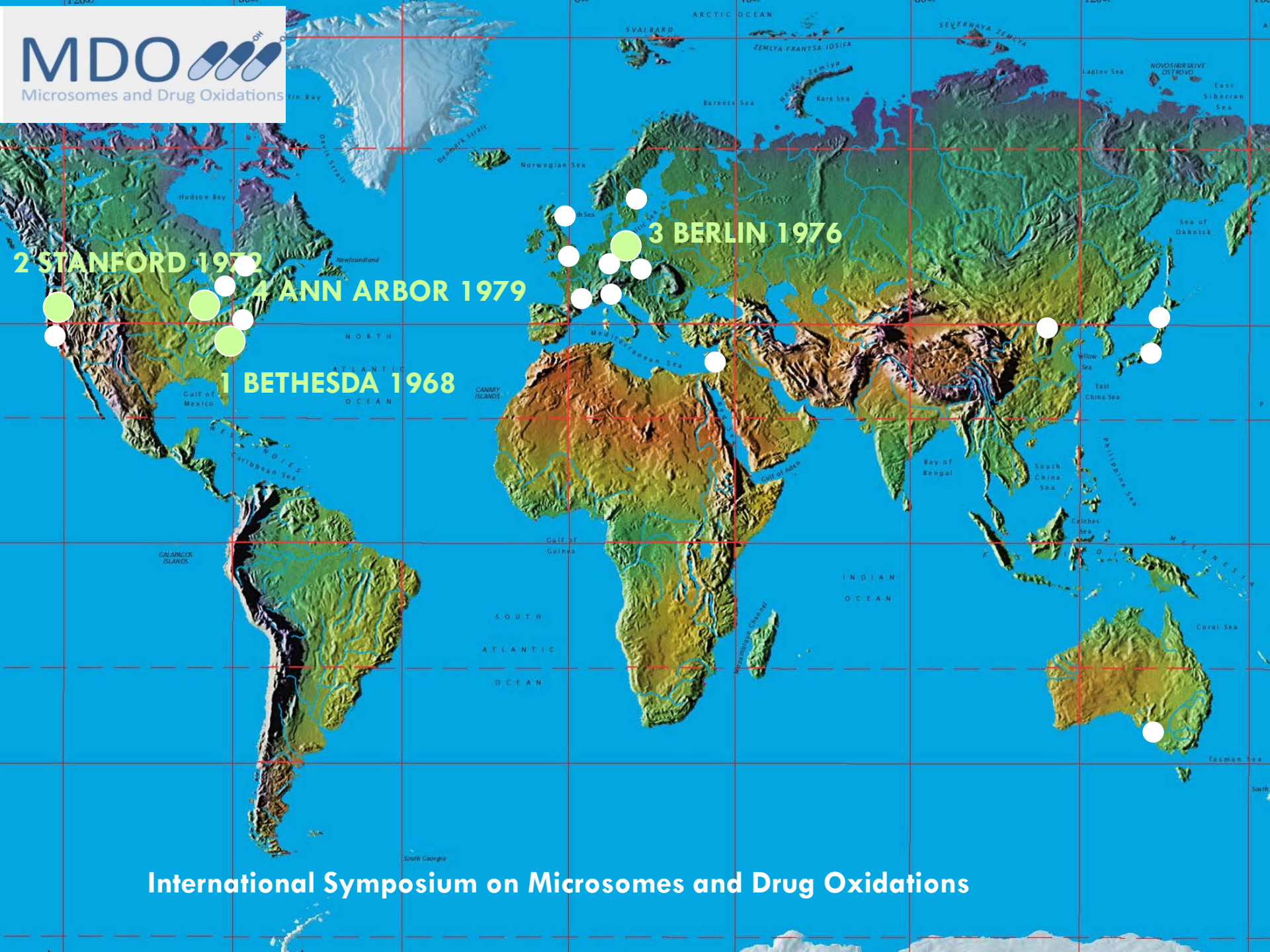
Rachel Tyndale – Toronto, Canada

Nico P.E. Vermeulen – Amsterdam, the Netherlands

David Waxman – Boston, USA

Where have the meetings been?



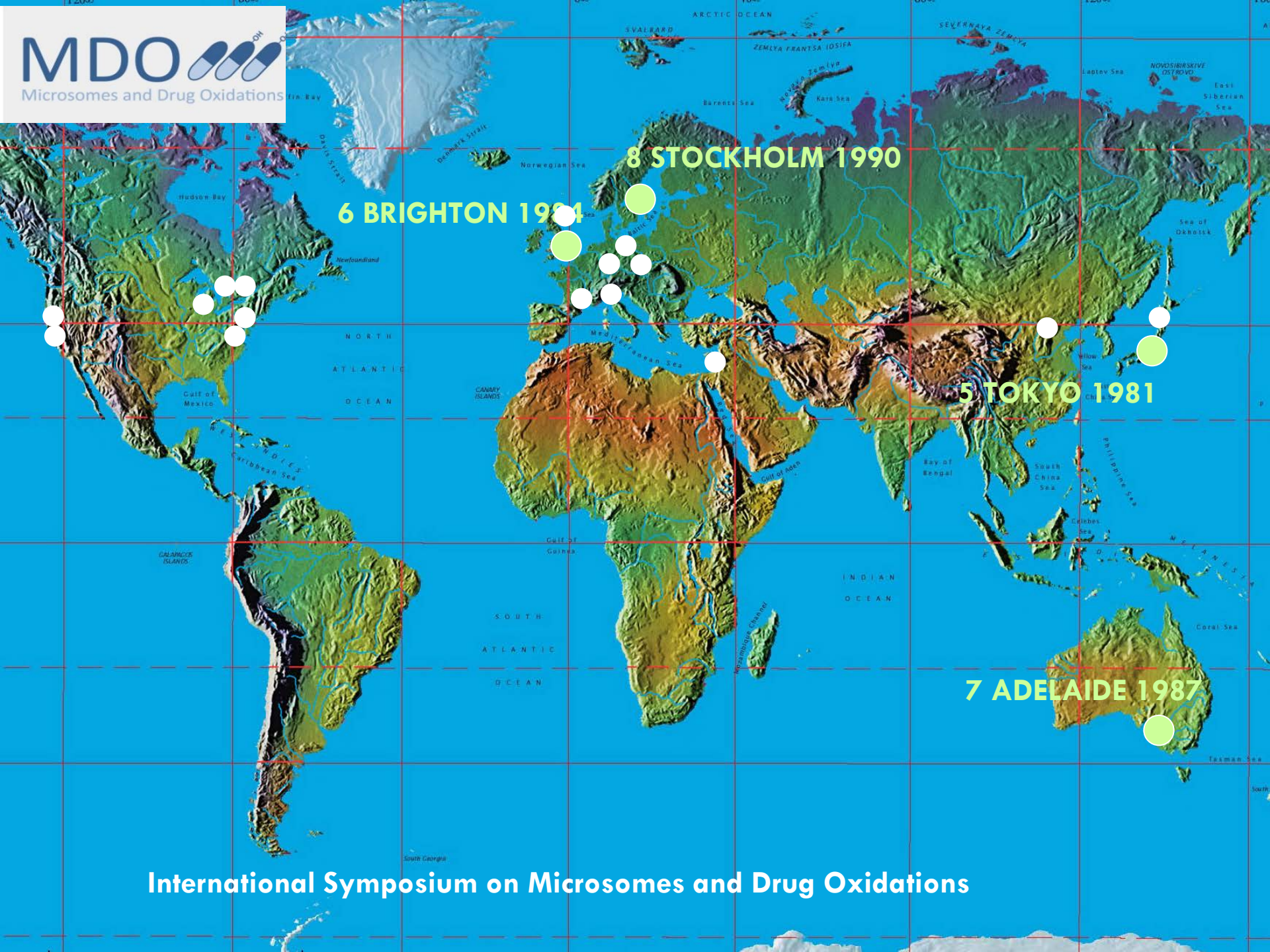


2 STANFORD 1972

4 ANN ARBOR 1979

1 BETHESDA 1968

3 BERLIN 1976



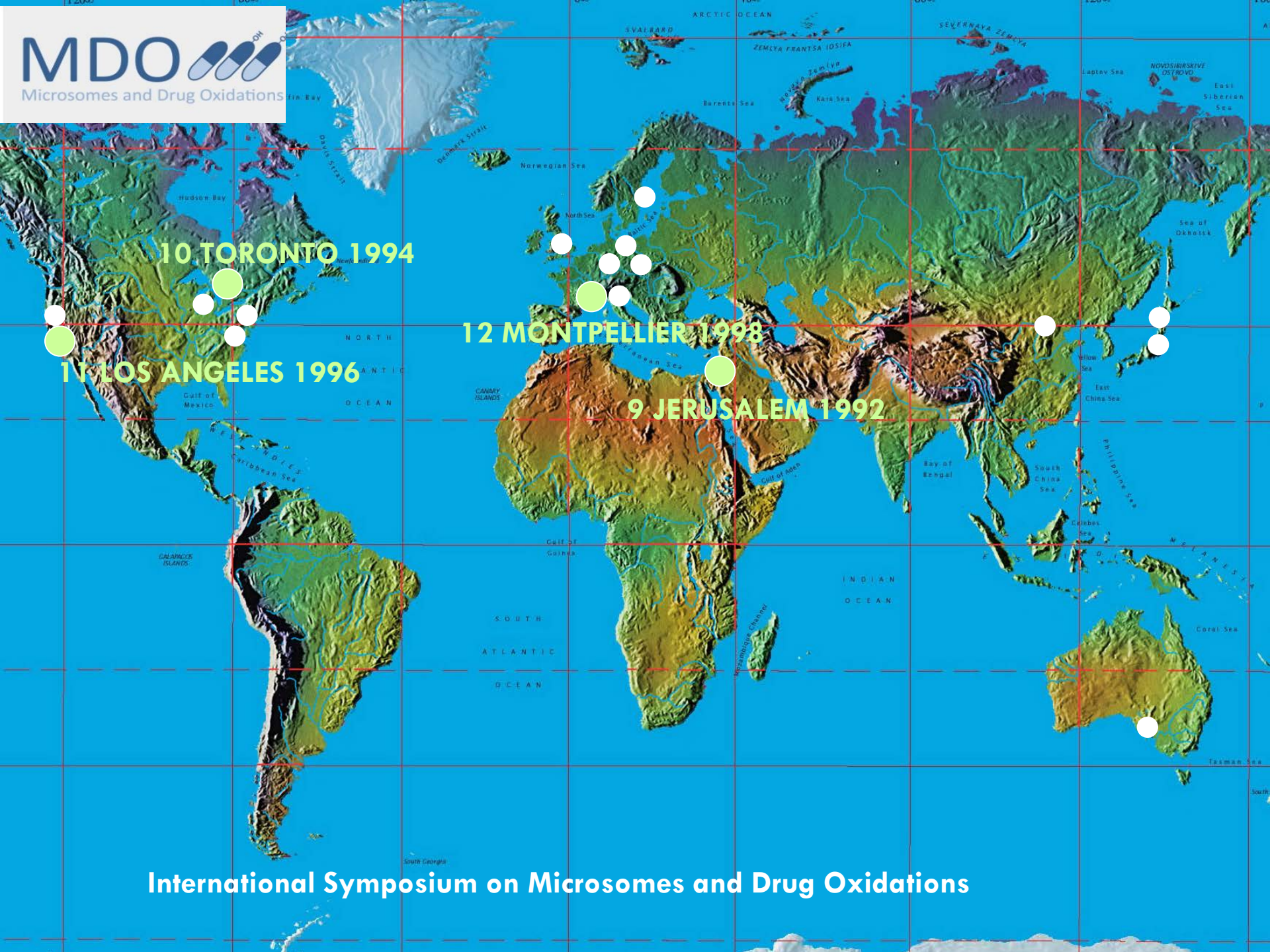
6 BRIGHTON 1984

8 STOCKHOLM 1990

5 TOKYO 1981

7 ADELAIDE 1987

International Symposium on Microsomes and Drug Oxidations

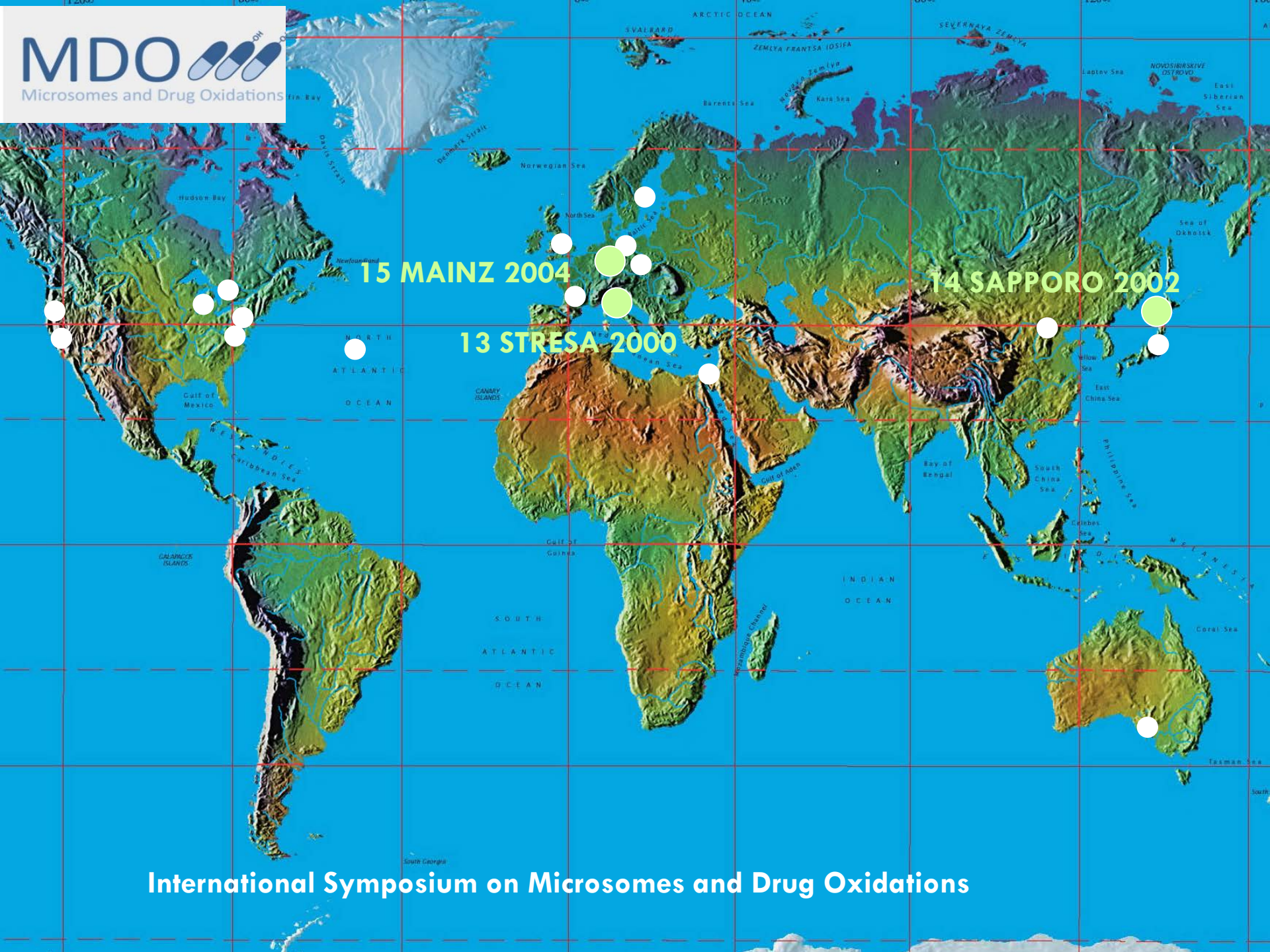


10 TORONTO 1994

11 LOS ANGELES 1996

12 MONTPELLIER 1998

9 JERUSALEM 1992



15 MAINZ 2004

14 SAPPORO 2002

13 STRESA 2000

19 NOORDWIJK 2012

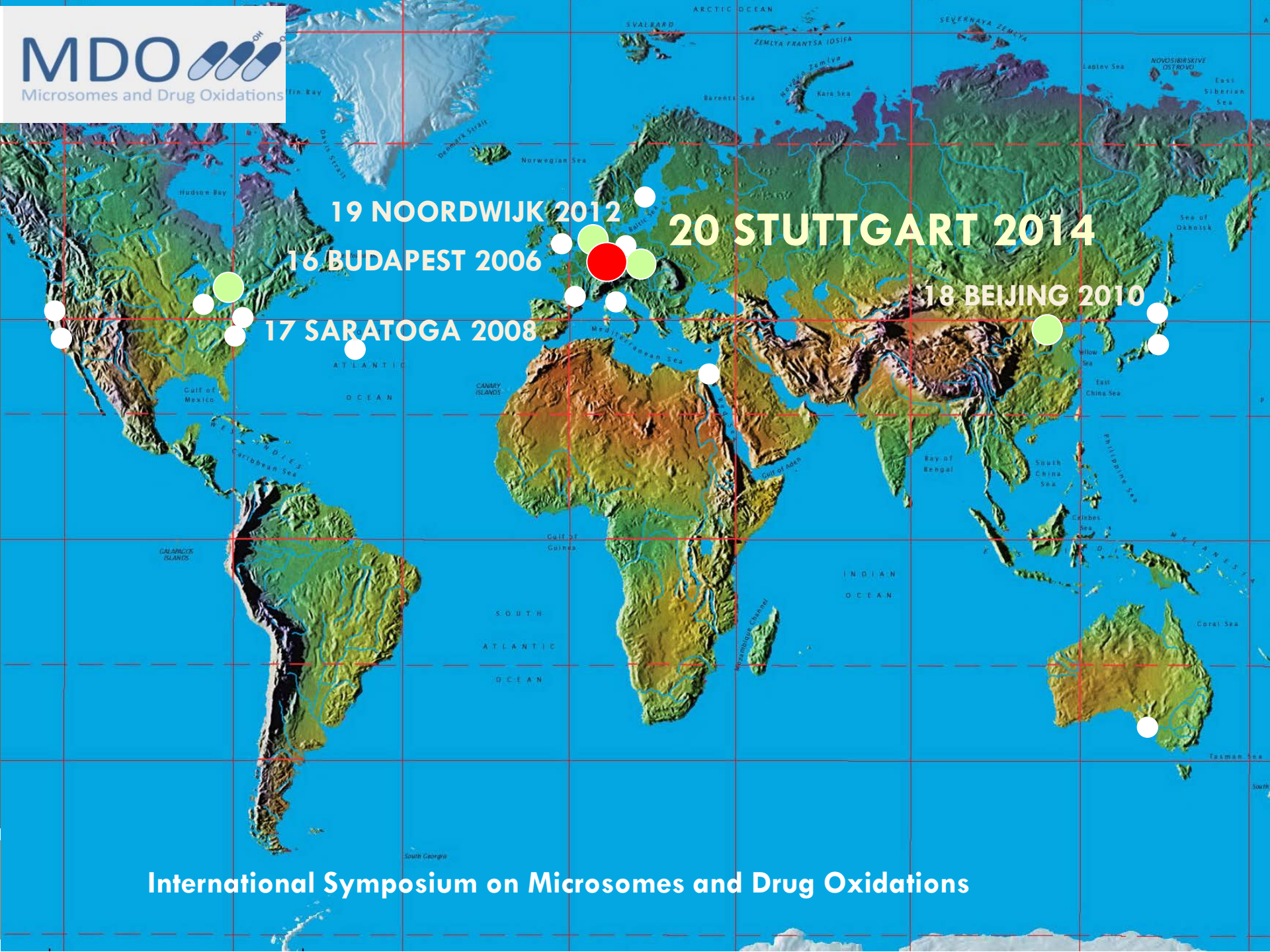
16 BUDAPEST 2006

17 SARATOGA 2008

20 STUTT GART 2014

18 BEIJING 2010

International Symposium on Microsomes and Drug Oxidations



Past meetings

2012: Noordwijk, The Netherlands –

Nico Vermeulen and Magnus Ingelman-Sundberg

2010: Beijing, China - Xinxin Ding

2008: Albany, USA - Larry Kaminsky

2006: Budapest, Hungary -Laszlo Vereczkey

2004: Mainz, Germany - Franz Oesch

2002: Sapporo, Japan - Tetsuya Kamataki

2000: Stresa, Italy - Francesco de Matteis

1998: Montpellier, France - Patrick Maurel

1996: Los Angeles, USA - Oliver Hankinson

1994: Toronto, Canada - Gail D Bellward

1992: Jerusalem, Israel - Jaime Kapitulnik

1990: Stockholm, Sweden - Magnus Ingelman-Sundberg, Jan-Åke Gustafsson, Sten Orrenius

1987: Adelaide, Australia - Donald Birkett

1984: Brighton, England - Donald Davies

1981: Tokyo, Japan - Ryo Sato, Ryuichi Kato

1979: Ann Arbor, USA - Minor J Coon

1976: Berlin, Germany - Alfred Hildebrandt

1972: Stanford, USA - George J Cosmides, Ronald W Estabrook, James R Gillette, Ronald G Kuntzman, Gabriel L Plaa

1968: Bethesda, USA - James R Gillette

The participants at the first meeting 1968

Richard H. Adamson, Laboratory of Chemical Pharmacology, National Cancer Institute, Bethesda, Maryland

A. Alvares, Wellcome Research Laboratory, Tuckahoe, New York

M.W. Anders, New York State Veterinary College, Cornell University, Ithaca, New York

Irwin M. Arias, Albert Einstein College of Medicine, Bronx, New York

J. Berthet, University of Louvain, Louvain, Belgium

Edward Bresnick, Department of Pharmacology, Baylor University College of Medicine, Houston, Texas

John J. Burns, Hoffmann-La Roche, Inc., Nutley, New Jersey

John E. Casida, Department of Entomology, University of California, Berkeley, California

Albert Claude, Laboratoire de Cytologie et de Cancerologie Experimentale, Université Libre de Bruxelles, Bruxelles 1, Belgium

A.H. Conney, Burroughs Wellcome & Co., Tuckahoe, New York

Minor J. Coon, Department of Biochemistry, University of Michigan School of Medicine, Ann Arbor, Michigan

David Y. Cooper, University of Pennsylvania Hospital, Philadelphia, Pennsylvania

George J. Cosmides, National Institute of General Medical Sciences, Bethesda, Maryland

James R. Fouts, Oakdale Toxicology Center, University of Iowa, Oakdale, Iowa

H.V. Gelboin, National Cancer Institute, Bethesda, Maryland

James R. Gillette, Laboratory of Chemical Pharmacology, National Heart Institute, Bethesda, Maryland

Theodore E. Gram, Laboratory of Chemical Pharmacology, National Heart Institute, Bethesda, Maryland

Alfred G. Hildebrandt, Department of Biochemistry, University of Texas, Southwestern Medical School at Dallas, Dallas, Texas

Jordan L. Holtzman, Laboratory of Pharmacology, National Cancer Institute, Baltimore Cancer Research Institute, Baltimore, Maryland

Henry Kamin, Duke University, Durham, North Carolina

R. Kuntzman, Wellcome Research Laboratory, Tuckahoe, New York

G.J. Mannering, Department of Pharmacology, University of Minnesota Medical School, Minneapolis, Minnesota

Harvey S. Marver, University of California Medical School, San Francisco, California

Bettie Sue Siler Masters, Department of Biochemistry, University of Texas, Southwestern Medical School at Dallas, Dallas, Texas

Paul Mazel, George Washington University School of Medicine, Washington, D.C.

Robert E. McMahon, Lilly Research Laboratories, Indianapolis, Indiana

D.W. Nebert, National Cancer Institute, Bethesda, Maryland

John A. Oates, Vanderbilt University, Nashville, Tennessee

Tsunao Omura, Institute for Protein Research, University of Osaka, Osaka, Japan

Sten Orrenius, Wennergren Institute, University of Stockholm, Stockholm, Sweden

George E. Palade, The Rockefeller University, New York, New York

Julian A. Peterson, Department of Biochemistry, University of Texas, Southwestern Medical School at Dallas, Dallas, Texas

Henry C. Pitot, McArdle Memorial Laboratory, University of Wisconsin, Madison, Wisconsin

H. Remmer, Institut für Toxikologie der Universität Tübingen, Tübingen, Germany

Ryo Sato, Institute for Protein Research, University of Osaka, Osaka, Japan

Robert T. Schimke, Department of Pharmacology, Stanford University, Palo Alto, California

Norman Sladek, McArdle Laboratory, University of Wisconsin, Madison, Wisconsin

Edward A. Smuckler, University of Washington Medical School, Seattle, Washington

Hansjürgen Staudinger, Justus Liebig Universität, Giessen, Germany

Paul Talalay, Department of Pharmacology, Johns Hopkins University School of Medicine, Baltimore, Maryland

Thomas R. Tephly, Department of Pharmacology, University of Michigan Medical School, Ann Arbor, Michigan

Sidney Udenfriend, Roche Institute of Molecular Biology, Nutley, New Jersey

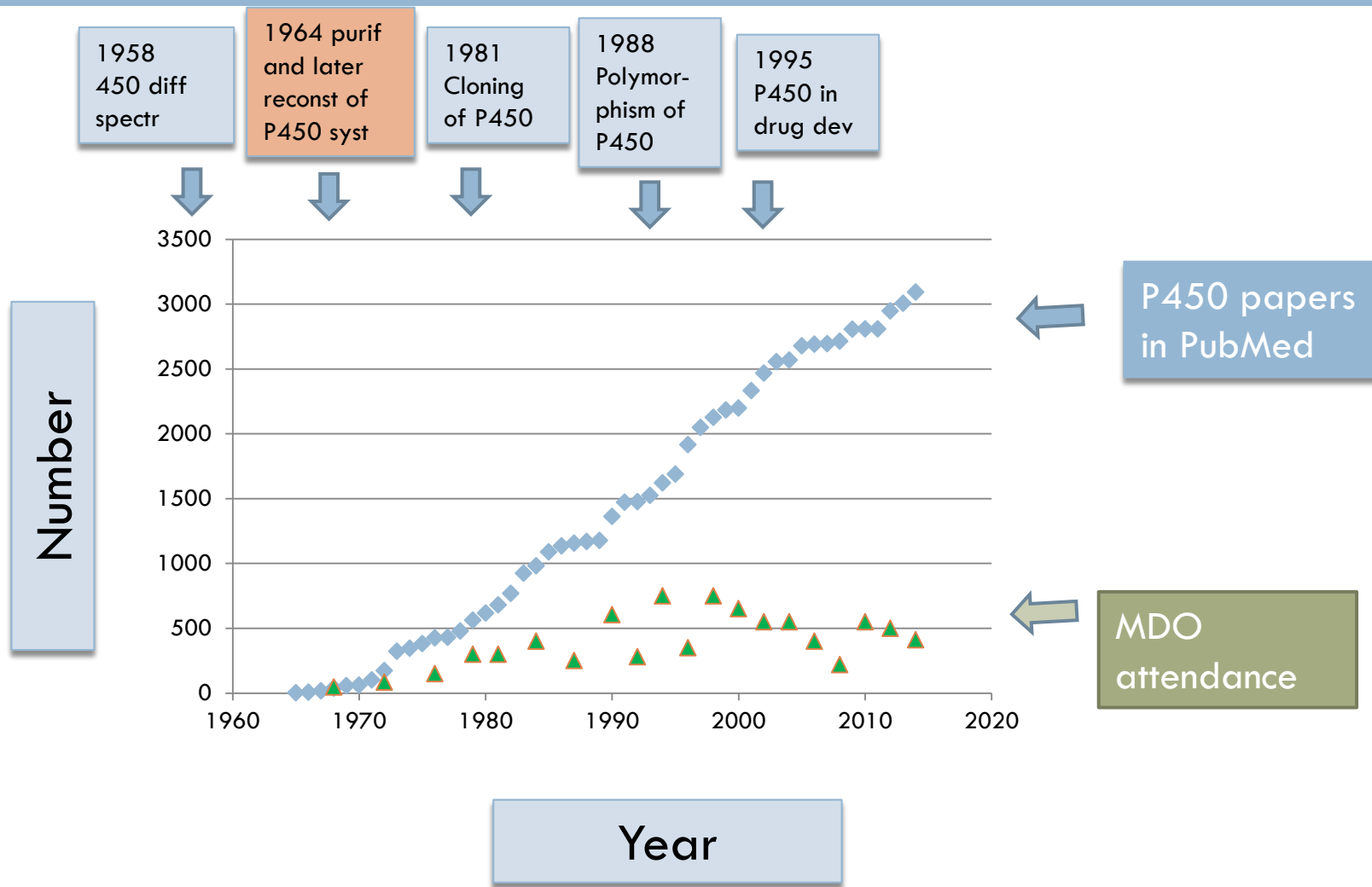
Volker Ulrich, Justus Liebig Universität, Giessen, Germany

Russell Van Dyke, Biochemical Research Laboratory, Dow Chemical Company, Midland, Michigan

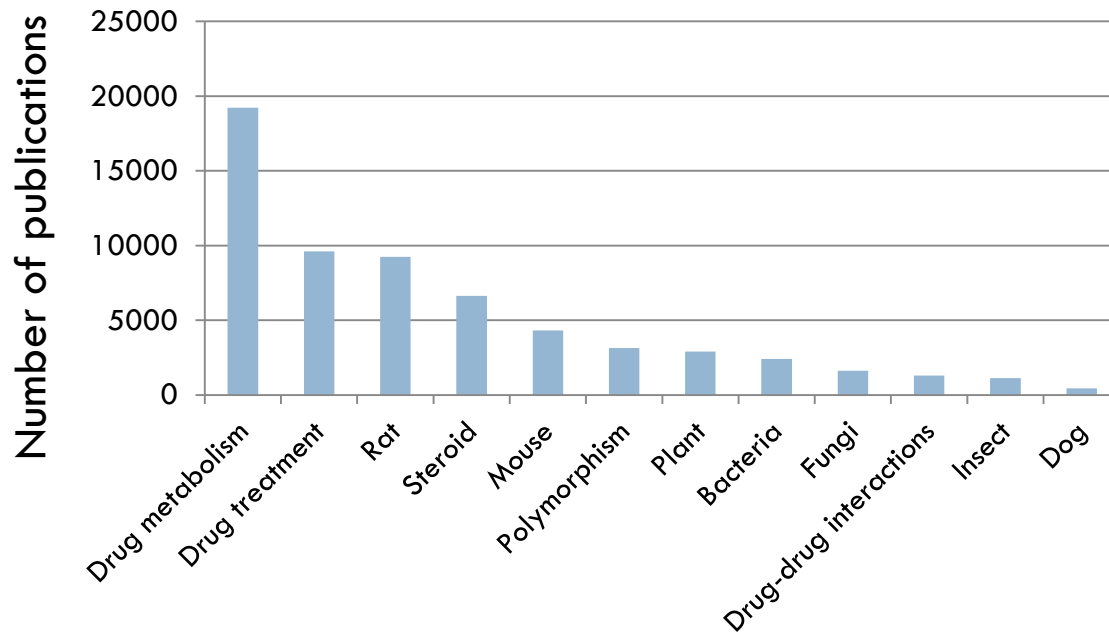
Lee W. Wattenberg, University of Minnesota Medical School, Minneapolis, Minnesota

Bernhard Witkop, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland

Daniel M. Ziegler, University of Texas, Austin, Texas



P450 research topics



Next MDO meeting.....



California



Conference Center at UC-Davis in Davis, CA, USA

Save the dates!

October 2-6 2016