

CARDIAC ELECTROPHYSIOLOGY SOCIETY MEETING

Sunday, November 13, 1994, Dallas, Texas

The Dallas Grand Hotel, Junior Ballroom, 1914 Commerce St.

Theme: Electrophysiology of the Atria

- 8:00 - 8:45 Continental Breakfast (Atlanta Rooms A and B)
8:45 - 9:00 Business Meeting: Drs. **Madison Spach and Albert Waldo**
9:00 - 9:45 Fifth Annual Gordon Moe Lecture* "Autonomic Neurocontrol of the Heart: The Importance of Being Ignorant"
Dr. **Matthew N. Levy**, The Mt. Sinai Medical Center, Cleveland, Ohio
*Sponsored through the generosity of **Medtronic, Inc.**
9:45 - 10:00 Discussion

Session 1 - Dr. Fred Morady, Chairperson

- 10:00 - 10:30 "A Goat Model of Chronic Atrial Fibrillation. The Role of Electrophysiological Remodeling"
Dr. **Maurits Allesie**, University of Limburg, Maastricht, The Netherlands
10:30 - 10:45 Discussion
10:45 - 11:15 Refreshment Break
11:15 - 11:45 "Observations on the Reentrant Circuit in AV Node Reentrant Tachycardia"
Dr. **Warren M. Jackman**, University of Oklahoma, Oklahoma City, Oklahoma
11:45 - 12:00 Discussion
12:00 - 2:00 Electrophysiological Society Luncheon at Hotel

Session 2 - Dr. Andrew L. Wit, Chairperson

- 2:00 - 2:25 "Advances in Knowledge about Atrial Gap Junctions"
Dr. **Jeffrey E. Saffitz**, Washington University, St. Louis, Missouri
2:25 - 2:35 Discussion
2:35 - 3:00 "Molecular Basis for Atrial Arrhythmias: Role of Two Nonsarcolemmal Channels"
Dr. **Milton L. Pressler**, Krannert Institute of Cardiology, Indianapolis, Indiana
3:00 - 3:10 Discussion
3:10 - 3:35 Refreshment Break

Session 3 - Dr. Jose Jalife, Chairperson

- 3:35 - 4:00 "Arrhythmogenic Activity of the Single Cardiac Cell: Afterdepolarizations and Triggered Activity"
Dr. **Yoram Rudy**, Case Western Reserve University, Cleveland, Ohio
4:00 - 4:10 Discussion
4:10 - 4:35 "What the Clinician Needs to Know about Atrial Electrophysiology to Provide Better Treatment of Atrial Arrhythmias"
Dr. **Eric N. Prystowsky**, Northside Cardiology, Inc., Indianapolis, Indiana
4:35 - 4:45 Discussion
4:45 - 5:10 "Initiating Reentry: The Role of Nonuniform Anisotropy"
Dr. **Mark E. Josephson**, Beth Israel Hospital, Boston
5:10 - 5:30 Discussion
5:30 Adjourn.

CARDIAC ELECTROPHYSIOLOGY SOCIETY MEETING

November 7, 1993, Penta Hotel, Atlanta, Georgia

Theme: Creating New Paradigms for Drug Design and Testing

- 8:00 - 8:45 Continental Breakfast
8:45 - 9:00 Business Meeting: Drs. Madison Spach and Albert Waldo
9:00 - 9:45 Fourth Annual Gordon Moe Lecture* "Overview of the Sicilian Gambit"
Dr. Harry A. Fozzard, University of Chicago, Chicago, Illinois
*Sponsored through the generosity of Medtronic, Inc.
9:45 - 10:00 Discussion

Session 1 - Dr. Penelope Boyden, Chairperson

- 10:00 - 10:30 "Progress Towards a Molecular Understanding of the Cardiac Action Potential"
Dr. Michael M. Tamkun, Vanderbilt University, Nashville, Tennessee
10:30 - 10:45 Discussion
10:45 - 11:15 Refreshment Break
11:15 - 11:45 "Designing Drugs for Specific Arrhythmogenic Mechanisms: Bridging the Research
Gap between Drug Discovery and Clinical Insight"
Dr. Thomas J. Colatsky, Wyeth-Ayerst Research, Princeton, New Jersey
11:45 - 12:00 Discussion
12:00 - 2:00 Lunch on your own

Session 2 - Dr. Harold C. Strauss, Chairperson

- 2:00 - 2:25 "From Use-dependent Block to Anti-arrhythmic Activity"
Dr. Edward Carmeliet, University of Leuven, Leuven, Belgium
2:25 - 2:35 Discussion
2:35 - 3:00 "Models of Drug Channel Interaction: Continuous and Pulse Chemistry"
Dr. C. Frank Starmer, Duke University, Durham, North Carolina
3:00 - 3:10 Discussion
3:10 - 3:35 Refreshment Break
3:35 - 4:00 "Is There a Paradigm for Development of an Effective Strategy for Unique
Antiarrhythmic Drugs?" -
Dr. Peter B. Corr, Washington University, St. Louis, Missouri
4:00 - 4:10 Discussion
4:10 - 4:35 "Substrates for Arrhythmogenesis"
Dr. Maurits A. Allessie, University of Limburg, Maastricht, The Netherlands
4:35 - 4:45 Discussion
4:45 - 5:10 "Where Are We Going and Do We Want to Get There"
Dr. Michael Rosen, Columbia University, New York, New York
5:10 - 5:30 Discussion and Clinical Relevance
5:30 - 6:30 Reception - Penta Hotel

CARDIAC ELECTROPHYSIOLOGY SOCIETY MEETING

Sunday, November 15, 1992

Burgundy Room A-D, Hyatt Regency New Orleans

Theme: Cardiac Repolarization Under Physiologic and Pathophysiologic Conditions

8:00 - 8:45 Continental Breakfast

8:45 - 9:00 Business Meeting, Drs. Corr and Spach

Session 1 - Drs. Peter B. Corr and Madison Spach, Chairmen

9:00 - 9:45 Third Annual Gordon Moe Lecture* - "Disparities in Repolarization and their Role in Reentrant Arrhythmias" - Dr. J.A. Abildskov, University of Utah, Salt Lake City, UT

*Sponsored through the generosity of Medtronic, Inc.

9:45 - 10:00 Discussion

10:00 - 10:30 "Current Concepts of Cardiac Repolarization Employing K⁺ and Cl⁻ channels" -
Dr. Joseph Hume, University of Nevada, Reno, NV

10:30 - 10:45 Discussion

10:45 - 11:15 Refreshment Break

11:15 - 11:45 "Heterogeneity of Cardiac Ventricular Repolarization and the Contribution of M-cells" -
Dr. Charles Antzelevitch, Masonic Medical Research Laboratory, Utica, NY

11:45 - 12:00 Discussion

12:00 - 2:00 Lunch on your own

Session 2 - Drs. Peter Schwartz and Borys Surawicz

2:00 - 2:30 "Repolarization Abnormalities as Measured by T-wave Alternation: Predictive Efficacy
During Ischemia" - Dr. Richard Verrier, Georgetown University, Washington, DC

2:30 - 2:45 Discussion

2:45 - 3:15 "Can Variations in Repolarization be used to Predict Susceptibility to Ventricular
Dysrhythmias?" - Dr. Richard Cohen, MIT - Harvard Medical School, Boston, MA

3:15 - 3:30 Discussion

3:30 - 3:45 Refreshment Break

3:45 - 4:15 "Molecular Genetics of the Long QT Syndrome" - Dr. Mark Keating, Utah Health
Sciences Center, Salt Lake City, UT

4:15 - 5:00 Discussion and Formal Comments Pertaining to the Long QT Syndrome -
Dr. Peter Schwartz, University of Milan, Milan, Italy

5:00 - 5:15 A closing perspective - Dr. Borys Surawicz, Indiana University, Indianapolis, IN

5:15 - 7:00 Reception - Regency Ballroom A, Hyatt Regency New Orleans

CARDIAC ELECTROPHYSIOLOGY SOCIETY MEETING

Sunday, November 10, 1991

Kensington Ballroom West, Sheraton Anaheim Hotel, Anaheim, CA

8:00 - 8:45 Continental Breakfast

5 - 9:00 Business Meeting, Drs. Corr and Spach

Session 1 - Drs. Peter B. Corr and Madison Spach, Chairmen

9:00 - 10:00 Second Annual Gordon Moe Lecture* - "Structure and Function of Cardiac Calcium Channels" - Dr. Alexandre Fabiato, Medical College of Virginia, Richmond, Virginia

10:00 - 10:15 Discussion

10:15 - 10:30 Refreshment Break

10:30 - 11:00 Na⁺/Ca²⁺ Exchange in Cardiac Cells - Dr. Donald Hilgemann, Southwestern Medical Center, Dallas, Texas

11:00 - 11:15 Discussion

11:15 - 11:45 Mechanisms Controlling Release and Uptake of Ca²⁺ from the Sarcoplasmic Reticulum - Dr. James Johns, Vanderbilt University, Nashville, Tennessee

11:45 - 12:00 Discussion

12:00 - 1:30 Lunch on your own

Session 2 - Drs. William Barry and William Clusin, Chairmen

1:30 - 2:00 Calcium Metabolism during Ischemia - Dr. Eduardo Marban, Johns Hopkins University, Baltimore, Maryland

2:00 - 2:15 Discussion

2:15 - 2:45 Calcium, Calcium Channels, and the Mechanisms Underlying Triggered Activity in Heart Cells - Dr. Craig January, University of Chicago, Chicago, Illinois

2:45 - 3:00 Discussion

3:00 - 3:30 Calcium and Magnesium: Two Divalent Cations with Different Physiologic Roles - Clinical Implications - Dr. John DiMarco, University of Virginia, Charlottesville, Virginia

3:30 - 3:45 Discussion

3:45 - 4:00 Refreshment Break

4:00 - 4:30 Calcium Modulation of Cellular Coupling and its Influence on Conduction - Dr. Andre Kleber, University of Berne, Berne, Switzerland

4:30 - 4:45 Discussion

4:45 - 5:15 Current and Future Clinical Antiarrhythmic Targets for Modulation of Cellular Calcium - Dr. Michael Franz, Georgetown University, Washington, D.C.

5:15 - 5:30 Discussion

5:30 - 7:30 Cocktail Reception - Kensington Ballroom North

Cardiac Electrophysiology Society Meeting

Sunday, November 11, 1990

Republic of Texas Ballroom, Sheraton Dallas Hotel
Dallas, Texas

Theme: The Development of New Antiarrhythmic Agents

8:45 - 9:00 Business Meeting, Drs. Wit and Corr

Session 1 - Drs. Peter B. Corr and Andrew L Wit, Chairmen

9:00 - 10:00 First Annual Gordon Moe Lecture - "Laboratory Evaluation of Antiarrhythmic Agents: What does it Mean?"

- Dr. Brian Hoffman, Columbia University, New York

10:00 - 10:15 Discussion

10:15 - 10:30 Refreshment Break

10:30 - 11:15 "Are Antiarrhythmic Drug Classifications Useful in Directing Clinical Therapy?"

- Dr. A. John Camm, St George's Hospital Medical School, London, U.K.

11:15 - 11:30 Discussion

11:30 - 12:15 "Isolation and Characterization of Channel Proteins as a Basis for Development of Specific Antiarrhythmic Drugs"

- Dr. Richard Rogart, University of Chicago, Chicago, Illinois

12:15 - 12:45 General Discussion with remarks by Dr. Stanley Nattel, Montreal Heart Institute

12:45 - 2:30 Lunch

Session 2 - Drs. Leonard Gettes and Michael Rosen, Chairmen

2:30 - 3:15 "Rationale Approach to Discovery of New Class III Antiarrhythmic Drugs Based on Channel Structure: Fact or Fiction"

- Dr. Michael C. Sanguinetti - Merck, Sharp, and Dohme, Inc., West Point, Pennsylvania

3:15 - 3:30 Discussion

3:30 - 4:00 Refreshment Break

4:00 - 4:45 "Theoretical Models of Arrhythmias and their Potential Utility in the Study and Development of Antiarrhythmic Agents"

- Dr. Yoram Rudy - Case Western Reserve, Cleveland, OH

4:45 - 5:00 Discussion

5:00 - 7:30 Cocktail Reception

Cardiac Electrophysiology Society Meeting

Sunday, November 12, 1989

Doubletree Hotel, New Orleans, Louisiana

9:00 - 9:15 Business Meeting, Drs. Wit and Corr

Session 1 - Drs. Peter B. Corr and Andrew L Wit, Chairmen

9:15 - 10:00 "G-proteins and Activation of Ion Channels"
David E Clapham, Mayo Clinic, Rochester, MN

10:00-10:15 Discussion

10:15-11:00 Alterations in G-proteins during Congestive Heart Failure in Man;
Implications for Arrhythmogenesis"
John P. Bilezikian, Columbia University, New York

11:00 - 11:15 Discussion

11:15 - 11:45 "Mechanisms of Control of Intracellular Calcium"
J. Gil Wier, University of Maryland

11:45 - 12:00 Discussion

12:00 - 2:15 Lunch

Session 2 - Drs. Michael E Cain and Harold C. Strauss, Chairmen

2:15 - 2:45 "Can Stretch Channels Initiate Tachyarrhythmias?"
Luc M. Hondeghem, Vanderbilt University, Nashville

2:45 - 3:00 Discussion

3:00 - 3:30 "Are Potential Proarrhythmic Effects of Antiarrhythmic Agents in Man Predictable?"
Frank E Marchlinski, University of Pennsylvania, Philadelphia

3:30 - 3:45 Discussion

3:45 - 4:15 "The Future of Catheter Ablation Procedures"
Melvin M. Scheinman, University of California, San Francisco

4:15 - 4:30 Discussion

4:45 - 7:00 Cocktail Reception