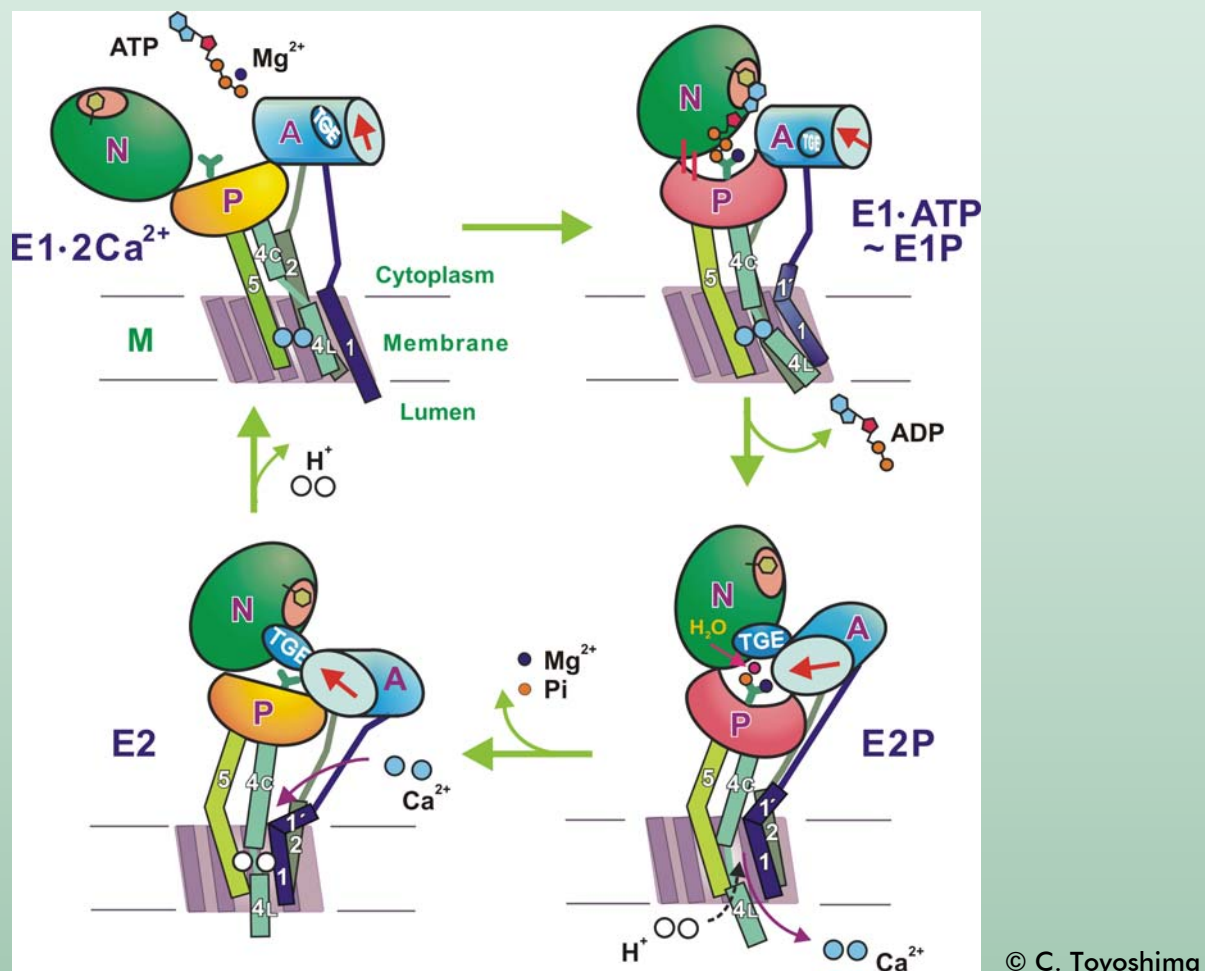


11th International ATPase Conference
and
59th Annual Meeting and Symposium of the
Society of General Physiologists
September 6-11, 2005

Marine Biological Laboratory, Woods Hole, Massachusetts



Na,K-ATPase & RELATED CATION PUMPS: STRUCTURES, MECHANISMS & DISEASES

Organized by David Gadsby, Jack Kaplan, & Jerry Lingrel

Atomic structure of cation pumps

Paul De Weer, Chair
Yuji Sugita
Jesper Møller
Steven Karlish

Cation binding sites

Jean-Daniel Horisberger, Chair
Peter Jørgensen
José Argüello
Hans-Jürgen Apell
Pablo Artigas

Ion transport mechanisms

Luis Beaugé, Chair
Giuseppe Inesi
Jens Peter Andersen

Cation pump subunit interactions

Kazuya Taniguchi, Chair

Ernst Bamberg

Jack Kaplan

Ayyappan Rajasekaran

Inherited dysfunction of cation pumps

Carolyn Slayman, Chair
Kathy Sweadner
Rhoda Blostein
Amy Moseley
Svetlana Lutsenko

Late-Breaking Science

Speakers to be determined

Regulation of cation pumps

FXD proteins
Michael Caplan, Chair
Kathi Geering
Flemming Cornelius
Haim Garty

Phospholamban and sarcolipin

Don Bers, Chair

David MacLennan

David Thomas

Specific P-type ATPase inhibitors

Robert Farley, Chair

Jan Joep De Pont

George Sachs

Receptor-mediated regulation

Carlos Pedemonte, Chair

Alejandro Bertorello

Physiological roles of cation pumps

Mordecai Blaustein, Chair
Jerry Lingrel
Gary Shull
J. Iasha Sznajder