

## Certificate of Merit

1952	A.W. Busch R.C. Kroner E.W. Mood Lillian A. Russell	1965	Solloff E. Bishop Glenn E. Johnson Don C. Lindsten Samuel H. Sharman Robert G. Spicher
1953	A. Eugene Bowers Frank E. Clark W.N. Hearon L.J. Schmauch	1966	Harvey W. Boyle Roy V. Comeaux Robert A. Erb John W. Hamaker James J. Hickey Ulo Kligemagt Gordon C. Ortman Peter H. Westigard R.W. Zwich
1954	R.E. Anderson Earl Robert Gerhard Willard F. Libby		
1955	H.A. Barker Raymond A. Kolbeson Orville Wyss	1967	F.J. Pocock
1956	Clayton F. Callis	1968	F.C. Goodrich Thomas W. Healy F. Helfferich J.P. Quirk J. William Sugar
1957	J. kenneth Brown R.H. Burttschell A. Lovis Medin Emillio Savinelli		
1962	Richard L. Davie Thomas F. Demmitt Norman Michael James J. Morgan Roger N. Saragent Otie J. Sproul	1969	Mark J. Tenney
		1971	L.L.C. Sorensen P.L. Levins
		1973	Barbara J. Slatt
		1975	Linda A. Deans
1963	Max Blumer Ronald S. Joyce Irwin A. Rabin Murrell L. Salytsky Joseph Shapiro Ronald M. Siverstein Walter J. Weber, Jr.	1977	Rose Ann Cochran David M. Haile Robert W. Looyenga
		1980	Stuart W. Krasner
		1981	Purnendu K. Dasguputa Jeral L. Schnoor
1964	Hugh Eisenhauer George P. Fitzgerald R.B. Grieves Louis Hemphill L.L. Wikstrom	1986	Marcia F. Collins Douglas Craft Werner R. Haag Robert J. Kieber

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1986	Joseph J. Pignatello Richard J. Pruell Jennifer E. Stern James E. Woodrow	1992	Susan A. Hatlevig Suzanne M. McClung Margaret S. Mills Daniel D. Riemer Frank E. Scully, Jr. Martin St. Clair M.M. Taylor Christine L. Tiller Lee J. Yoo
1987	William H. Benson Patrick H. Davies Gary A. Epling Jennifer Field William Fish T. Mark Florence James Grainger Steven B. Hawthorne Geneva M. Omann Ralph J. Portier Angel L. Rivera John E. Rogers Thomas H. Row	1993	Jeff Collett, Jr. Kent W. Schmidt Staci Lynn Simonich Rengao Song Paul Westerhoff
1988	W.H. Benson Colleen Tashiro Amy P. Toole	1994	Thomas P. Franz Richard W. Gullick William P. Hamilton Ewa Lipczynska-Kochany Gary M. Litton Jimena P. Lopez Janice D. Makos Anuradha Ramaswami Thomas M. Young
1989	Gerald T. Coyle Sayed Z. El-Sayed David J. Miller Robert F. Mouradian T.R. Schwartz Helena Solo	1995	Lisa Axe Damia Barcelo Susan E. Burns Suresh Chandran Yolanda Fintschenko Robert N. Lerch Waihung Lo Thomas F. Perrone Joan D. Sulzberg Jennifer Wilkie
1991	Wayne F. Chan Dennis L. Corwin Tchonon Coulibaly Joseph E. Gadomski Margarita Gutierrez-Ruiz Adam S. Harris Linda S. Lee Mark A. Nanny Daniel D. Riemer Patricia Snyder Penny Stackhouse Debra H. Thomas Patricia Tveite	1996	Allen W. Apblett John C. Bart Kathleen E. Brummel Amy E. Childress Seungkwan Hong Tiehong Huang Jeanne A. Itak Kimberly L. Jones Herman O. Krabbenhoft
1992	Stephen E. Cabaniss Deborah J. Fox		

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1996	Juan-Carlos Rodriguez Virender K. Sharma Thomas F. Speth Betty A. Strietelmeier David D. Weis Amy E. Witter	2000	A.M. Acardi-dey Joseph M. Calo Paul A. Christensen M. Gershenzon Dan S. Golomb Kelvin B. Gregory Keisuke Ikehata Hiroshi Izumi Richard W. Johnson Robert S. Johnson Ehud Leshem Paul Edward Mills George Sorial Rock J. Vitale Eric M. Vrijenhoek Helen K. White Wei Zheng Bintuan Zhu
1997	William A. Arnold Sandip Chattopadhyay Jennifer F. Clark Manvendra K. Dubey Edward Heyse David A. Jeffrey Eugene J. LeBoeuf Perry L. McCarty Richard J. Murphy Lisa L. Phegley Tammy P. Taylor Jon Michael Williams		
1998	William Hagar Bapat Harshavardhan Frank E. Huggins Richard W. Hurst Jorge Ibanez Colleen Kelly Robert J. Lagomarsino Robert Matthews James J. Pagano Marck A. Wojtowicz	2001	Jeffrey Y. Chen Ching-Ju Chin Dionysios D. Dionysiou Abdul R. Khwaja Chuanyong Jing Mathew F. Ryan Katsuhiko Saido Siddesh Shevade Yang-hsin Shih Watanee Sriwatanapongse Maria W. Tikkanen Liping Zhou
1999	William Arnold Lisa Axe Terri A. Camesano Chia-Chen Chen Arthur Goldsipe Young-Hun Kim Chun-han Ko Martin Johnson Ping Li Jie Lin Ho Cheol Song Paras Trivedi Peter Vikesland	2002	Marie Accardi-Dey Isabel Escobar Christopher Gabelich Jennifer Packer Daniel Snow Kate Suttaford Huichun Zhang
		2003	Steven H. Griffin Kara Lormand Yuefeng Lu Anne Giselle Schnaubelt Kazuhiko Takeda
2000	Mohamed Y.Z. Aboul Eish		

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2003	Sharon L. Walker	2006	Jiaqian Jiang Namgoo Kang Keisha Willette Kohler June-Soo Park Jarrett Renn Remsberg Rajani Srinivasan Annie V. Weisbrod Jennifer Young
2004	Samuel Arey Abdulaziz Bagabas Sonia Campbell Shankar Chellam Gabriela Chilom Chan Lan Chun Janel E. Grebel Philip Aaron Greene Zev Gerstl Georg F. Haberhauer Emese Hadnagy Lisa Hoferkamp Qing Huang Shawki A. Ibrahim Sandara Karcher Rathi Kavanaugh Albert Kim Kathleen McDonough Dhananjay Mishra Byung Soo Oh Sathaporn Onanong C. Pierard Carlos Sanlley Sunny Wang Xingdong Zhu	2007	Vasso Alexandratos Brian J. Asher Lucille A. Benedict Patrick R. Bowde Michael A. Brown Victoria Coker Sarah E. Cullison Shaillay Kumar Dogra Martin Elsner Eva R. Garland Gija Geme Jillian L. Goldfarb Juan He Carolyn S. Higgins David W. Himmelheber Keith D. Hurley Alaa Kamel Yordan Kostov Jan Marwan Alexa Obolensky Jessica M. Paul Yong Ran Catherine M. Schmidt Brandy Stewart Grace Yin Stokes Carin Thomas
2005	Yeo Myoung Cho Allegra K. da Silva Tanya J. Gallegos Sung Hee Joo P. Kalyani Martinelango Randy L. Vander Wal Raveender Vannela		
2006	Luke K. Ackerman Maria G. Antoniou Jeffrey M. Buth Katie Campbell Hyeok Choi Jason Conder John E. Greenleaf Paul Helm Christopher Higgins Adam Hoffman	2008	Silvana Andreescu Mark J. Benotti Karl J. Ottmar Peter Steen
		2009	Courtney D. Hatch Jennifer Monahan Petra Ariette Schierz Christopher E. Spiese D. Vinson