

Charles S. McHenry, Ph.D.

Department of Chemistry & Biochemistry
The University of Colorado, Boulder
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Education:

1966-1970 B.S. in Chemistry, Purdue University
1970-1974 Ph.D., Department of Chemistry, University of California, Santa Barbara,
and Department of Biochemistry and Biophysics,
University of California Medical School, San Francisco.
Advisor: Daniel Santi, M.D., Ph.D.
1974-1976 Postdoctoral Fellow of the Cystic Fibrosis Foundation
Stanford University Medical School
Department of Biochemistry, Stanford, California.
Advisor: Arthur Kornberg, M.D.

Appointments:

1976-1984 Assistant and Associate Professor
Department of Biochemistry and Molecular Biology
The University of Texas Medical School Houston, Texas
1984-1985 Visiting Professor, Biozentrum, University of Basel, Switzerland
1985-2006 Professor, Department of Biochemistry and Molecular Genetics
University of Colorado School of Medicine Denver, Colorado
2002-2004 Chairman, Board of Directors, Chief Scientific Officer, Founder, Replidyne (listed on
NASDAQ as RDYN)
2006-2014 Professor, Department of Chemistry & Biochemistry
University of Colorado; Boulder, Colorado
2011-2012 Visiting Professor, National Center for Biotechnology,
Universidad Autonoma, Cantoblanco; Madrid, Spain
2014-present Professor Emeritus, , Department of Chemistry & Biochemistry
University of Colorado; Boulder, Colorado

Administrative Appointments:

1985-2000 Founding Director, Program in Molecular Biology
Graduate and Medical Schools, University of Colorado Health Sciences Center
Expanded faculty from an initial core of 9 to 40 while direct costs of faculty research grants increased from \$2 million to \$16 million/year. Raised \$5 million from Markey Trust to support development of program. Program trained over 50 Ph.D. students while I was directing it.

Research Interests:

Mechanism of DNA replication, Enzymology, Chemical Biology, Bio-organic Chemistry, Biophysics,
Discovery and development of antibacterial agents.

Selected Honors and Awards:

Evans Scholar
American Cancer Society Faculty Research Career Awardee
Guggenheim Fellow.

Selected National and International Activities:

2008 Co-organizer, Keystone Symposium, DNA Replication, Sante Fe
2004-2005 Meeting organizer, DNA Replication, Repair and Recombination--part of the national
ASBMB meeting in San Diego, April 2005
1994-1998 NIH AIDS and Related Research Study Section III
1987-1990 American Cancer Society-Nucleic Acids and Proteins Advisory Committee
1990 Chairman of committee
1989-1993 Advisory Board-Max Planck Institut für Molekulare Genetik, Berlin

Issued Patents

Bacterial replication systems and methods

United States Issued Patent No. US 8431376 B2 (4/30/2013)

Thermophilic Polymerase III Holoenzyme

United States Issued Patent No. 6,677,146 (1/13/2004)

Novel Thermophilic Polymerase III Holoenzyme

United States Issued Patent No. 6,238,905 (5/29/2001)