

CURRICULUM VITAE

Name: Prof Sir Salvador Moncada

Place & Date of Birth: Tegucigalpa, Honduras, 3 December, 1944

Address: Manchester Cancer Research Centre,
Wilmslow Road,
Manchester
M20 4QL

Education:

1957-1961 Instituto Nacional, San Salvador, El Salvador.
Secondary School

1962-1970 School of Medicine, University of El Salvador
1970 Doctor of Medicine and Surgery.

1971-1973 Royal College of Surgeons, University of London,
Department of Pharmacology

1974 Doctor of Philosophy (Pharmacology)

1983 Doctor of Science, University of London

Experience:

1969 General Practitioner in the Social Service of El Salvador

1969-1970 Instructor of Preventive Medicine, Public Health,
School of Medicine, University of El Salvador.

1970-1971 Instructor of Physiology, Pharmacology, Dept. of
Physiological Sciences, School of Medicine, University
of Honduras.

1971-1973 Royal College of Surgeons, Dept. of Pharmacology -
The Wellcome Research Laboratories, England.

1974-1975 Associate Professor of Pharmacology and Physiology,
Dept. of Physiological Sciences, School of Medicine,
University of Honduras

1975-1977 Section Leader. Prostaglandin Research Group. Senior
Scientist, Wellcome Research Laboratories, England.

1977-1985 Head of Department of Prostaglandin Research,
Wellcome Research Laboratories, England.

1984-1986	Director of the Therapeutic Research Division, Wellcome Research Laboratories, England.
1986-1995	Director of Research (U.K.) Wellcome Research Laboratories, England.
1996-2011	Professor of Experimental Biology and Therapeutics and Director The Wolfson Institute for Biomedical Research (formerly known as The Cruciform Project for Strategic Medical Research), University College London
2011-2013	Professor of Experimental Biology and Therapeutics, The Wolfson Institute for Biomedical Research
1999-2004	Founder and Director of the Centro Nacional de Investigaciones Cardiovasculares (CNIC) in Madrid, Spain
2010-2014	Group Leader, VIB Vesalius Research Centre, Leuven, Belgium
2013-	Emeritus Professor University College London, England
2013-	Professor of Translational Medicine & Strategic Adviser, Institute of Human Development, University of Manchester, England
2014-	Institute Director of Cancer Sciences, Faculty of Medical and Human Sciences, University of Manchester
2016	Cancer Domain Director, Division of Molecular and Clinical Cancer Sciences, University of Manchester

Societies:

1974	Member of the British Pharmacological Society
1982	Honorary Member of the Colombian Society of Internal Medicine
1983	Honorary Member of the Peruvian Pharmacological Society
1984	Correspondent member of the Cuban Society of Cardiology
1988	Fellow of The Royal Society
1988	Fellow of the Third World Academy of Sciences
1992	Member of Academia Europaea
1993	Corresponding Member of the Gesellschaft der Artzte in Wien

- 1994 Fellow of the European Society of Cardiology
- 1994 Elected Honorary Member of the Mexican Society of Arterial Hypertension
- 1994 Foreign Member of the National Academy of Sciences of the United States of America
- 1994 Fellow of the Royal College of Physicians, London
- 1994 Foreign Member of the Faculty of Medicine of the Polish Academy of Arts and Sciences at Krakow
- 1995 Honorary Member of the National Academy of Medicine, Mexico
- 1995 Honorary Member of the Ecuadorian Academy of Science
- 1995 President, Medical Sciences Section of the British Association for the Advancement of Science
- 1995 Honorary Fellow of the Royal Academy of Medicine of the Basque Country, Spain
- 1995 Honorary Fellow of the Academy of Medical Sciences of Bilbao, Spain
- 1996 Election to The Royal Academy of Medicine of Catalonia, Spain
- 1996 Corresponding Foreign Member of the National Academy of Medicine, Buenos Aires, Argentina
- 1997 Honorary Member of the Association of Physicians of Great Britain and Ireland
- 1997 Honorary Member of the Honduran Society of Neurology and the Honduran Society of Epilepsy
- 1997 Honorary Member of the Central American Federation of Neurology
- 1997 Honorary Member of the Dominican Society of Cardiology
- 1998 Founder Fellow of the Academy of Medical Sciences, London
- 1999 Honorary Member of the Academy of Medicine of Torino, Italy
- 1999 Honorary Fellow of University College London
- 1999 Honorary Member of the American Society of Hematology
- 1999 Honorary member of the Spanish Society of Biochemistry and Molecular Biology
- 1999 Liveryman of the Worshipful Society of Apothecaries of London
- 2000 Corresponding Member of the Latin American Academy of Sciences
- 2000 Honorary Foreign Member of the Koninklijke Academie voor Geneeskunde van België
- 2005 Fellow of the Accademia Nazionale Dei Lincei, Italy
- 2005 Honorary Member of the Society for Endocrinology

2006	Member of the European Molecular Biology Organisation
2008	Honorary Member of the Finnish Pharmacological Society
2010	Honorary Member of the Panamanian Association for the Advancement of Science
2010	Honorary Member of the Physiological Society, London

Honours, Awards and Distinguished Lectures:

January 1980	Peter Debye Prize, University of Limburg, Belgium
April 1980	Rokitansky Lecture, Vienna, Austrian Association for Morphological and Functional Research in Atherosclerosis, Austria
April 1980	Pfizer Lecture in Clinical Pharmacology (New York Medical College), USA
December 1980	VIII Gaddum Memorial Lecture (British Pharmacological Society), UK
March 1981	Bernard Mornington Lecture, European Society for Clinical Investigation, Basle, Switzerland
May 1981	Waldenstrom Lecture, Malmö, Sweden.
May 1981	The Karl de Gruchi Lecture, Melbourne, Australia.
April 1983	Teofilo Hernando Memorial Lecture Autonomous University of Madrid, Spain
November 1985	National Science Prize of the Republic of Honduras
January 1986	The First Lorenzo Velasquez Memorial Lecture Universidad Complutense de Madrid, Madrid, Spain
July 1987	Rocha e Silva Memorial Lecture, Rio de Janeiro, Brasil
July 1989	First, Robert. F. Furchgott Lecturer, awarded by The Scientific Committee of "Mechanisms of Vasodilatation", Strasbourg, France
August 1989	The Ajinomoto Prize for Amino Acid Research (jointly with Dr. R.M.J. Palmer), Japan
December 1989	Ham-Wasserman Lecture, American Society of Haematology, USA
October 1990	Prince of Asturias Prize for Science and Technology jointly awarded with Prof. Santiago Grisolia, Oviedo, Spain
November 1990	Order of Merit "Jose Cecilio del Valle" Republic of Honduras
February 1991	Ulf von Euler Memorial Lecture, Karolinska Institute, Stockholm, Sweden
April 1991	Boerhaave Lecture, European Society for Clinical Investigation, Pisa, Italy
June 1991	XVI Lorenzini Gold Medal for Scientific Merit and Lorenzini Annual Lecture for 1991, Italy
October 1991	Great Medal of the Departement du Rhone, Lyon, France

October 1991	The Sixth Annual Harry Barowsky Clinical Research Lecture, New York Medical College, USA
November 1991	The Ariens Lecture, Dutch Pharmacological Society, Utrecht University, The Netherlands.
November 1991	The Paul Dudley White Lecture, American Heart Association, Anaheim, California, USA
December 1991	"Atomo d'Oro" - Prize of the Roman Academy of Medical and Biological Sciences, Rome, Italy
February 1992	The Esko Nikkila Memorial Lecture, Finnish Society of Internal Medicine, Finland
March 1992	The Twenty-Second Annual Schueler Distinguished Lecture in Pharmacology, Tulane University School of Medicine, USA
May 1992	American Society of Hypertension Special Lecture 1992, USA
September 1992	The Sir David Cuthbertson Lecture, European Society of Parenteral and Enteral Nutrition, Vienna, Austria
September 1992	The Amsterdam Prize for Medicine awarded by The Royal Netherlands Academy of Arts and Sciences, The Netherlands
February 1993	The Harveian Lecture, The Harveian Society of London, UK
February 1993	Sanofi Winthrop Visiting Professor of Clinical Pharmacology, University of Edinburgh, UK
February 1993	John Mallet Purser Lecture, Trinity College, Dublin, Ireland
April 1993	Vith Trabucchi Foundation Annual Lecture, Fondazione Emilio Trabucchi, Milan, Italy
July 1993	The Arthur Bloom Memorial Lecture, International Society for Thrombosis & Haemostasis, New York, USA
September 1993	The Ewing Halsell Lecture, The University of Texas Health Science Center at San Antonio, USA
September 1993	The 1993 Stephen Paget Memorial Lecture, Research Defence Society Symposium, University of Southampton meeting of the Physiological Society, UK
October 1993	The I.S. Ravdin Lecture in the Basic Sciences, awarded by The American College of Surgeons, USA
October 1993	The Owren Lecture, University of Oslo, Norway
October 1993	The Annual Clinical Science Lecture of the Karolinska Institute, Huddinge Hospital, Sweden
November 1993	The 22nd Stevenson Memorial Lecture, University of Western Ontario, London, Ontario, Canada
December 1993	Sir Jules Thorn Lecture, The Royal College of Anaesthetists and The Royal College of Physicians, at The Royal College of Surgeons, London, UK

January 1994	First Roussel Uclaf Prize for work in the field of Cell Communication and Signalling (jointly with Dr. R. Furchgott and Dr. L. Ignarro), France
February 1994	Boehringer Ingelheim Lecture, University of Mainz, Germany
March 1994	The Clinical Endocrinology Trust Medal and Lecture, 13th Joint Meeting of the British Endocrine Societies, UK
April 1994	The Seventy-Fifth Mellon Lecture, University of Pittsburgh, USA
April 1994	The "Luis Sanchez-Medal Lecture Award", XXV Congress of the International Society of Hematology, Mexico
May 1994	The Earl King Lecture, Royal Postgraduate Medical School, London, UK
July 1994	The Royal Medal, awarded by Her Majesty The Queen upon the recommendation of the Council of The Royal Society, UK
July 1994	Harrington Lecture, University at Buffalo School of Medicine and Biomedical Sciences, USA
September 1994	The ISFC Lecture, awarded by the International Society of Cardiology
September 1994	Council for High Blood Pressure Research, Arthur C. Corcoran Memorial Lecture, American Heart Association, Chicago, USA
November, 1994	XIII Fernandez-Cruz Memorial Lecture, Madrid, Spain
November, 1994	The Peterhouse Lecture, Cambridge University, UK
December, 1994	Federico II Prize, University of Naples, Italy
August, 1995	Gold Medal for Scientific Merit awarded by the Ministry of Health of Ecuador, Ecuador
September, 1995	1995 CIBA Award for Hypertension Research, together with Dr. L. Ignarro, USA
March, 1995	The Chilton Lecture, University of Texas Southwestern Medical Centre, Dallas, Texas, USA
April, 1995	The Walter MacKenzie Visiting Professor Lecture, University of Alberta, Edmonton, Canada
December, 1995	The Halliburton Lecture, King's College London, UK
September, 1996	Osamu Hayaishi Lecture, Kyoto University, Japan
October, 1996	The Fourth Annual Blythe Lecture, University of North Carolina School of Medicine, USA
October, 1996	The Gregory Pincus Memorial Lecture, The Worcester Foundation for Biomedical Research, Massachusetts, USA
November, 1996	The Graeme Bell Henderson Memorial Lecture, The Picower Institute, New York, USA
March, 1997	Oliver Sharpey Lecture, Royal College of Physicians, London, UK
March, 1997	University of Iowa College of Medicine Lecture, USA

April, 1997	The Priestley Lecture, Royal Society of Chemistry, London, UK
May, 1997	Leccion conmemorativa "Jimenez Diaz", Madrid, Spain
May 1997	Louis and Artur Lucian Award (jointly with Prof. R. Furchgott), McGill University, Montreal, Canada
June, 1997	Ottorino Rossi Award, Italian Society for Neurogeriatrics, Varese, Italy
June 1997	2nd Robert Muir Lecture, University of Dundee, Scotland
June, 1997	Xth Trabucchi Foundation Annual Lecture, Fondazione Emilio Trabucchi, Milan, Italy.
February, 1998	The National Institute of Health Director's WAL Lecture, Bethesda, USA
March 1998	Sir Arthur Hurst Lecture, British Society of Gastroenterology, UK
April 1998	The Jephcott Lecture, Royal Society of Medicine, UK
April 1998	The Heberden Oration, British Society for Rheumatology, UK
May 1998	The St. Cyres Lecture, British Cardiac Society, UK
June 1998	The Rudolf Virchow Lecture, Julius-Maximilians-University, Würzburg, Germany
September 1998	The Cummings Lecture, The Migraine Trust, London, UK
November 1998	The Harry Boström Lecture, Congress of the Swedish Association for Medicine, Göteborg, Sweden
March 1999	The Inaugural D. Harold Copp Lecture, The University of British Columbia, Vancouver, Canada
April 1999	The Samuel Kuna Distinguished Lectureship in Toxicology, Rutgers University & The University of Medicine and Dentistry of New Jersey, USA
April 1999	Distinguished Achievement in Biomedical Science Award, Oakland University, Rochester, Michigan, USA
April 1999	The Carl F. Schmidt Honorary Lecture, University of Pennsylvania, Philadelphia, USA
April 1999	The Galen Medal in Therapeutics, Awarded by the Worshipful Society of Apothecaries of London, UK
April 1999	The Dale Medal, Awarded by the Society for Endocrinology, UK
October 1999	The Miguel Servet Lecture, Congress of Spanish Society of Cardiology, Seville, Spain
October 1999	The Gold Medal of the Spanish Society of Cardiology, Spain
November, 1999	The William Dameshek Prize, awarded by The American Society of Hematology, USA
April, 2000	The Bayliss-Starling Prize Lecture, awarded by The Physiological Society, UK
May, 2000	The Linacre Lecture, St. John's College Cambridge, UK
July, 2000	The Gold Medal of The Royal Society of Medicine, UK

May, 2001	The Morton I Grossman Distinguished Lectureship, USA
May, 2001	The Gilston Lecture, Intensive Care Society, Bournemouth, UK
August, 2001	The Wallace O. Fenn Lecture, International Union of Physiological Sciences, Christchurch, New Zealand
September, 2001	The Henry Barcroft Lecture, Queen's University Belfast, UK
October, 2002	Le Grand Prix Annuel Lefoulon-Delalande, awarded by the Institut de France, France
September, 2002	The 18 th Annual Page Lecture, The Cleveland Clinic Foundation, USA
October, 2002	14 th J.F. Heremans Memorial Lecture, Universite Catholique de Louvain, Belgium
November, 2002	2 nd Annual Brenner Lecture, American Society of Nephrology, USA
May, 2003	The Grande Covian Memorial Lecture, Spanish Society of Arteriosclerosis, Spain
November, 2003	The Amedeo and Frances Herlitzka International Prize awarded by The Academy of Sciences of Turin, Italy
June, 2004	Ordem Nacional do Mérito Científico na Classe a Grã-Cruz, Brasil
October, 2004	The Lennox K. Black International Prize for Excellence in Medicine, awarded by Thomas Jefferson University, Philadelphia, USA
May, 2005	The Croonian Lecture, The Royal Society, London, UK
April, 2006	The Earl P. Benditt Award, awarded by North American Vascular Biology Organization, USA
April, 2006	Feodor Lynen Lecture, the German Society for Biochemistry and Molecular Biology, 57 th Mosbach Colloquium, Germany
April 2006	The Mackenzie Medal, awarded by the British Cardiac Society, UK
November 2006	The 49 th Annual Lecturer at The David Geffen School of Medicine, University of California Los Angeles
March 2007	Dart/NYU Biotechnology Achievement Award, The Biotechnology Study Center of New York University School of Medicine
September 2007	Julio H. Garcia Memorial Lecture, Sociedad Iberoamericana de Enfermedad Cerebrovascular, Lima, Peru
November 2007	The Peter Baker Lecture in Physiology, King's College London
January 2008	The First Jens Chr. Skou Lecture, Aarhus University, Denmark
May 2008	The Klassen Lecture, Ohio State University, Columbus, Ohio, USA

	The Brockington Lecture, Queen's University, Kingston, Ontario Canada
	GRUM Prestigious Lecture, University of Montreal, Canada
May 2009	Magna Lecture, Brazilian Academy of Sciences, Rio de Janeiro, Brasil
January 2010	Awarded a Knighthood by Her Majesty the Queen in the New Year Honours list
November 2010	The Christian J. Lambertsen Lecture, University of Pennsylvania, Philadelphia
	The Charles E. Dohme Memorial Lecture, The Johns Hopkins University School of Medicine, Baltimore
June 2011	The Chancellor's Award Lecture in Neuroscience, Louisiana State University Health Sciences Centre, New Orleans
September 2011	The Bernard and Joan Marshall Distinguished Investigator Lecture, awarded by The British Society for Cardiovascular Research
October 2011	Robert E. Beamish Award lecture for a leadership role in promoting cardiovascular sciences and education, Winnipeg Heart International Conference
December 2011	Honorary Fellowship of the British Pharmacological Society
March 2012	Harold Ackroyd Memorial Lecture, Gonville and Caius College Cambridge
June 2012	Professor Fritz Bach Memorial Lecture, 7th International meeting on Heme oxygenase, Edinburgh
June 2012	The Colter lecture, University of Alberta, Edmonton, Canada
June 2012	The Paulette Shirey Pritchett lecture, University of Birmingham, Alabama, USA
October 2012	The First Andres Laguna Lecture, Universidad de Alcalá, Madrid, Spain
January 2013	Ernst Jung-Medaille für Medizin in Gold, Jung-Stiftung für Wissenschaft und Forschung, Hamburg, Germany
November 2015	Presidents Annual Lecture British Pharmacological Society
May 2016	The medal of the French Senate

Honorary Degrees:

January 1986	The Degree of Doctor "Honoris Causa" of the Faculty of Medicine, Universidad Complutense de Madrid, Spain
October 1987	The Degree of Doctor "Honoris Causa" of the Faculty of Medicine of the University of Honduras, Honduras

June 1988	The Degree of Doctor "Honoris Causa" of the University of Cantabria, Spain
March 1989	Academico de Honor, Real Academia de Medicina de Valencia, Spain
May 1993	Academico de Honor de la Real Academia Nacional de Medicina, Madrid, Spain.
July 1994	Honorary Degree of Doctor of Science, University of Sussex, Brighton, UK
May 1995	Honorary Degree of Doctor of Science, Mount Sinai School of Medicine, New York, USA
July 1995	Honorary Degree of Doctor of Science, University of Nottingham, UK
February, 1997	The Degree of Doctor "Honoris Causa" of the University Pierre & Marie Curie, Paris, France
May, 1997	The Degree of Doctor "Honoris Causa" of Medicine, University of Antwerp, Belgium
June, 1997	The Degree of Doctor "Honoris Causa" of Medicine and Surgery, University of Torino, Italy
November, 1997	Doctor Honoris Causa of the University of El Salvador
November, 1997	Doctor Honoris Causa of the Central University of Ecuador
October, 1999	Doctor Honoris Causa of the University of Santiago de Compostela, Spain
March, 2000	Doctor Honoris Causa of the Universite de Mons-Hainaut, Belgium
May, 2000	Honorary Doctor of Medicine of the University of Tampere, Finland
July, 2000	Honorary Degree of Doctor of Science of the University of Edinburgh, Scotland
December, 2000	Doctor Honoris Causa of the University of Salamanca, Spain
July, 2001	Honorary Degree of Doctor of Laws, University of Dundee, Scotland
June, 2002	Doctor Honoris Causa of the University of Montréal, Canada
June 2003	Doctor Honoris Causa, Universita "Roma Tre", Rome, Italy
July, 2003	Honorary Doctor of the Faculty of Medicine, Johann Wolfgang Goethe-Universität, Frankfurt am Main, Germany
April, 2006	Doctor Honoris Causa, Université de Liège, Belgium
September, 2006	Laurea Honoris Causa in Pharmacy, Università degli Studi di Urbino "Carlo Bo", Italy
June 2007	Lifetime Achievement Award, awarded by the International Association of Inflammation Societies
April 2008	Doctor Honoris Causa, Charles University, Prague, Czech Republic
September 2008	Doctor Honoris Causa, Aarhus University, Denmark

October 2013
October 2013
November 2013

Profesor Invitado de la Universidad de La Habana, Cuba
Academico de Honor, University of Cantabria, Spain
Doctor Honoris Causa, Universidad de Buenos Aires,
Argentina

Visiting Professorships:

1988	Visiting Professor Department of Pharmacology, King's College London
1992	Visiting Professor Department of Medicine, King's College School of Medicine & Dentistry, London
1998	Visiting Professor Department of Pharmacology, King's College London
1998	Honorary Professor in the Welsh School of Pharmacy, Cardiff University

Editorial work:

1975-1980	Section Editor (General Pharmacology) for the journal Prostaglandins
1980	Consulting Editor, Prostaglandins.
1980-85	Member of the Editorial Board of the British Journal of Pharmacology
1980	Member of the Editorial Board of Atherosclerosis (Journal of the American Heart Association)
1980	Member of the Editorial Committee of Archivos Venezolanos de Farmacologia y Terapeutica
1986	Member of the Editorial Board of the European Journal of Clinical Investigation
1989	Member of the Editorial Board of Thrombosis Research
1989	Member of the Editorial Board of Clinica e Investigacion en Arteriosclerosis
2003	Member of the Editorial Board of the Proceedings of the National Academy of Sciences, USA

Books:

Scientific Editor of The British Medical Bulletin, no. 39, part 3, Prostacyclin, Thromboxane and Leukotrienes, 1983.

"Prostacyclin in Pregnancy" edited by P.J. Lewis, S. Moncada and J. O'Grady, published by Raven Press, New York, 1983.

Nitric oxide from L-arginine: a bioregulatory system, edited by S. Moncada and E.A. Higgs, published by Elsevier, Amsterdam, 1990.

Clinical Relevance of Nitric Oxide in the Cardiovascular System, edited by S. Moncada, E.A. Higgs and J.R. Berrazueta, published by EDICOMPLET, S.A. Madrid, 1991.

The Biology of Nitric Oxide. Part 1: Physiological and Clinical Aspects. edited by S. Moncada, M.A. Marletta, J.B. Hibbs Jr. and E.A. Higgs, published by Portland Press Proceedings, London, 1992.

The Biology of Nitric Oxide. Part 2: Biochemistry, Enzymology and Immunology, edited by S. Moncada, M.A. Marletta, J.B. Hibbs Jr. and E.A. Higgs, 1992.

Nitric Oxide: Brain and Immune System, edited by S. Moncada, G. Nistico and E.A. Higgs, Portland Press, London, 1993.

The Biology of Nitric Oxide. Part 3: Physiological and Clinical Aspects, edited by S. Moncada, M. Feelisch, R. Busse and E.A. Higgs, Portland Press Proceedings, London, 1994.

The Biology of Nitric Oxide. Part 4: Enzymology, Biochemistry and Immunology, edited by S. Moncada, M. Feelisch, R. Busse and E.A. Higgs, Portland Press Proceedings, London, 1994.

The Biology of Nitric Oxide. Part 5. edited by S. Moncada, J. Stamler, S. Gross and E.A. Higgs, Portland Press Proceedings, London, 1996.

The Biology of Nitric Oxide. Part 6. Edited by S. Moncada, N. Toda, H. Maeda and E.A. Higgs, Portland Press Proceedings, 1998.

Nitric oxide and the Cell: Proliferation, Differentiation and Death. Edited by S. Moncada, G. Nistico, G. Bagetta and E.A. Higgs, Portland Press, London, 1998.

The Biology of Nitric Oxide. Part 7. edited by S. Moncada, L.E. Gustafsson, N.P. Wiklund and E.A. Higgs, Portland Press Proceedings, 2000.

Nitric Oxide and the Peripheral Nervous System. Edited by N. Toda, S. Moncada, R. Furchgott and E.A. Higgs, Portland Press Ltd., London, 2000.

The Vascular Endothelium (Handbook of Experimental Pharmacology). Edited by S. Moncada and E.A. Higgs. Springer-Verlag Berlin. 2006.

Inventorships

Patent no. 1 583 961
PROSTACYCLIN AND DERIVATIVES THEREOF

Patent no. 1 583 962
PROSTACYCLIN DERIVATIVES

Patent no. 1 601 034
PHARMACEUTICAL COMPOSITIONS

Patent no. 1595 056
PHARMACEUTICAL COMBINATION

Patent no. 2033745 B
UNSATURATED FATTY ACID FOR USE IN THROMBO-EMBOLIC DISEASE

PA1437
L-NMMA FOR PREVENTION OF TISSUE DAMAGE

PA1439
INDUCIBLE NO SYNTHASE