

## ***CURRICULUM VITAE – Professor Bertil Andersson***

Professor Bertil Andersson is a Swedish Professor of Biochemistry currently residing in Israel and President Emeritus Nanyang Technological University (NTU) in Singapore. He has spent 11 years at NTU in Singapore where he has led the development of academic education and research. The presidency of NTU was for the period 2011-2017 and prior to this (2007 – 2011) he was Provost of the same university. He stepped down as President on the 31 December 2017. He radically transformed the university to a top level institution that is today ranked 11th in the world and number one in Asia (QS). Among other things, he was a driving force in establishing its new Medical School and he has made NTU the choice for several Singaporean and international industries. In addition, he has been involved in several advisory roles to the Singapore Government particularly with respect to the establishment of a new university and being a board member of ASTAR and BCA. He remains engaged with Ministries and Agencies of the Singapore government (see below)

From 2004 to 2007 he was the Chief Executive of the European Science Foundation (ESF) in Strasbourg and Brussels. During 1999-2003 he was the Rector (President) of Linköping University, Sweden. In 2003 he was elected Rector of Stockholm University, a position he did not take up due to his assignment to the ESF.

He was appointed Professor of Biochemistry at Stockholm University in 1986. Bertil Andersson has been a member of a high number of Swedish and international foundations, learned societies and academies. He has been a delegate of the Nobel Foundation (2000-2006) and was, from 1989 to 1997, a member of the Nobel Committee for Chemistry (and it's Chairman during 1997). He was a representative of the Board of Trustees of the Nobel Foundation until 2010.

In the period 2004 to 2007 he was the Vice President of the Research Advisory board of the European Commission in Brussels (EURAB). He has also been a Research Advisor to the Swedish government. Currently he is a Board of Trustees member of the KTH Royal Institute of Technology in Stockholm and the Stockholm Business School. He is also a Board Member of Technion University in Israel. On the more industrial side he is an advisor to the Wallenberg Foundation as well as Vinnova Innovation in Stockholm. He is since 2019 Senior Advisor to Tecnológico de Monterrey in Mexico, and also an Advisor to the Singapore National Research System and a Board member of its National Research Foundation.

Bertil Andersson is a visiting Professor and a Fellow of Imperial College, London. In addition, he has received over 20 honorary doctorates from top-level universities all over the world. He has received numerous honorary degrees and prizes including the Wilhelm Exner Medal in Vienna, the President's Science and Technology Medal and the prestigious Meritorious Service Medal in Singapore.

He has published about 300 scientific publications mainly in photosynthesis research. His papers have been cited over 14 500 times and his H-index is 68.

***Full name:*** Bertil Andersson

***Date of birth:*** 30 May, 1948, Finspång, Sweden

***Nationality:*** Swedish.

***Residency:*** Israel.

### Academic degrees

B.Sc. Umeå University (1972)

M.Sc. Umeå University (1974)

Ph.D. (Biochemistry) Lund University (1978)

Docent (D.Sc.) Lund University (1982)

### Appointments.

#### **Lund University (SE)**

Research Associate 1978-1982

Associate Professor 1982-1986

#### **Stockholms University (SE)**

Professorial Chair in Biochemistry 1986-2003

Head Dept of Biochemistry, 1987-1995.

Dean of the Faculty of Chemical Sciences, and Pro-Dean of the Science Faculty, 1996-1999.

Proposed as Rector (2003) – declined in favor of CEO ESF

#### **Linköping University (SE)**

Rector (President) 1999-2003.

Professor of Biochemistry 2004- 2013

#### **Umeå University (SE)**

Adjunct Professor 2004-2007

#### **European Science Foundation (FR)**

Chief Executive Officer (CEO) 2004-2007.

#### **Nanyang Technological University (SG)**

Provost 2007- 2011

President 2011 – 2017

President Emeritus 2018 -

### Honorary appointments and memberships:

### Sweden

Member of the Royal Swedish Academy of Sciences, since 1989

Member of the Board of the Nobel Foundation, 2000-2006.

Member (and Chairman) of the Nobel Committee for Chemistry 1989-1997, (1997)

Member of the Nobel Trustees Board, 2006-2010

Honorary doctor, Umeå University, 2002

Member of the Royal Swedish Academy of Engineering Sciences, since 2011

### Scandinavia/Nordic

The Finnish Science Society, since 1991

Honorary doctor, Turku University, 2000.

Honorary doctor, Royal Danish Agricultural University, 2006.

### United Kingdom

Visiting Professor (since 1990) and Fellow (since 2004), Imperial College, London

Honorary Degree of Doctor of Science, University of Edinburgh, 2013

Honorary Doctorate, University of Bradford, 2014

Honorary Doctorate, University of Strathclyde, 2015

Honorary Doctorate, University of Southampton, 2016

Honorary Doctorate, University of Exeter, 2017

Honorary Doctorate, University of Newcastle, 2018.

### Europe / Israel

Member, Academia Europaea, since 1990 (Board member 2004-2007)

The European Molecular Biology Organization (EMBO) since 1990

Honorary doctor, Hebrew University of Jerusalem, 2011

The Austrian Academy of Sciences since 2012

Honorary Doctorate, University of Konstanz, Germany, 2014

Honorary Doctorate, Haifa University, Israel, 2020.

### Australia

The Australian Academy of Science since 1999

Honorary doctor, University of New South Wales, Sydney, 2011

Honorary Doctorate, Australian National University, Canberra, 2017

Asia

**Honorary** Doctorate, Symbiosis International University, India, 2011

Advisory Honorary Professor, Shanghai Jiao Tong University, China, 2012-2017

Honorary Doctorate in Science, Hanyang University Korea, 2013

Honorary Doctorate, Tianjin University, China, 2015

Member, Singapore National Academy of Science, 2016

Honorary Doctorate, SRM University, India, 2017

Honorary Doctorate, Asia University, Taiwan, 2018

Involvement in national and international educational, research and business organizations.

Board member, Swedish Natural Science Research Council, 1991-1998

Chairman of the Swedish Biochemical Society, 1988-1990

Advisor to the Swedish Ministry for Science and Education, 2003, 2006-2009, 2015-2016.

Vice-President of EU Commission Research Advisory Board, Brussels (EURAB) 2004-2007.

Member of Science Advisory Board of National Research Foundation, Singapore, 2006-2007

Board member of ASTAR, Singapore, 2009-2017

Board member of the Swedish Foundation for Internationalization of Education and Research, Stockholm, 2013-2019.

Board member of Technion University and Co-Chairman of the Academic Committee., Haifa, Israel, 2015-

Board member of KTH Royal Institute of Technology, Stockholm, Sweden, 2017 –

Advisor Educational Technology, EON Reality, Irvine, USA. 2018-

Honorary Pro-Chancellor, SRM University, India. 2018-

Member of Board of Governors, SRM University, 2018-2019

Advisor to the Knut and Alice Wallenberg Foundation, Stockholm. 2018 -

Senior Advisor Hebrew University, Jerusalem. Israel 2018 –

Board Member the Stockholm Business School. Sweden 2019-

Senior Advisor, Tec de Monterrey, Mexico. 2019-

Advisor Australian National University, Canberra, Australia. 2019-

Senior Advisor and Board Member, National Research Foundation, Singapore. 2019-

Member International Advisory Board, Vinnova, Stockholm, Sweden. 2019-

Board member Minerva University, CA, USA. 2020-

### Prizes

The Göran Gustafsson Prize, the Royal Swedish Academy of Sciences, 1991

The Svedberg medal, 1987

The Norblad Ekstrand medal, 1988

The Oscar Andersson medal, 2000

The Wilhelm Exner medal, Austria 2010

World Cultural Council – Educational Merit 2013

President's Science and Technology Medal, Singapore 2016

The Meritorious Service Medal, Singapore, 2017

### Scientific Publications

In photosynthesis research, biological membranes, protein and membrane purification, light stress in plants (totally about 300). 14 500 citations and an H index of 68.

In addition, author of a number of articles devoted to popular sciences, science policy and education.

Septembe, 2020