

ABRIDGED CURRICULUM VITAE : SIR HANS KORNBERG

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| <b>Name</b>                    | Hans Leo KORNBERG                                                                                            |                                                        |
| <b>Date and place of birth</b> | 14 January 1928; Herford, Germany                                                                            |                                                        |
| <b>Nationality</b>             | British/USA (dual)                                                                                           |                                                        |
| <b>Marital status</b>          | m. Monica Mary King, 1956 (Deceased, June 1989); two daughters, twin sons;<br><br>m. Donna Haber, July 1991. |                                                        |
| <b>Education</b>               | 1939-1941                                                                                                    | Stoatley Rough School, Haslemere, Surrey               |
|                                | 1941-1943                                                                                                    | Willingdon College, Ven House, Milborne Port, Somerset |
|                                | 1943-1945                                                                                                    | Queen Elizabeth Grammar School, Wakefield, Yorks       |
|                                | 1946-1953                                                                                                    | University of Sheffield                                |
| <b>Degrees</b>                 |                                                                                                              |                                                        |
| <i>(a) Earned</i>              | 1949                                                                                                         | B.Sc. [Hons. Chemistry](University of Sheffield)       |
|                                | 1953                                                                                                         | Ph.D. [Biochemistry] (University of Sheffield)         |
|                                | 1958                                                                                                         | M.A. by decree (University of Oxford)                  |
|                                | 1961                                                                                                         | D.Sc. (University of Oxford)                           |
|                                | 1975                                                                                                         | Sc.D. (University of Cambridge)                        |
| <i>(b) Honorary</i>            | 1974                                                                                                         | Sc.D., University of Cincinnati                        |
|                                | 1975                                                                                                         | D.Sc., University of Warwick                           |
|                                | 1979                                                                                                         | D.Sc., University of Leicester                         |
|                                |                                                                                                              | D.Sc., University of Sheffield                         |
|                                |                                                                                                              | D.U., University of Essex                              |
|                                | 1980                                                                                                         | D.Sc., University of Bath                              |
|                                | 1984                                                                                                         | D.Sc., University of Strathclyde                       |
|                                |                                                                                                              | M.D., University of Leipzig                            |
|                                | 1994                                                                                                         | D.Sc., University of the South Bank , London           |

1995 D.Sc., University of Leeds  
1997 D.Sc., La Trobe University, Melbourne  
1999 LL.D., University of Dundee

**Posts held**

1951-1953 John Stokes Research Fellow, University of Sheffield  
1953-1954 Commonwealth Fund Fellow, Yale University  
1954 Commonwealth Fund Fellow, University of California (Berkeley)  
1954-1955 Commonwealth Fund Fellow, Public Health Research Institute of the City of New York Inc.  
1956-1960 Member of Scientific Staff, Medical Research Council Cell Metabolism Research Unit, University of Oxford  
1958-1961 Lecturer in Biochemistry, Worcester College, Oxford  
1958 Research Associate, Harvard Medical School, Boston (USA)  
1960-1975 Professor of Biochemistry, University of Leicester  
1975-1995 Sir William Dunn Professor of Biochemistry, University of Cambridge;  
Fellow of Christ's College, Cambridge  
1982-1995 (34th) Master of Christ's College, Cambridge  
1989-1995 Deputy Vice-Chancellor, University of Cambridge  
1995- University Professor, and Professor of Biology, Boston University

**Distinctions**

(a) *Medals* 1963 Colworth Medal of the Biochemical Society

|                                                         |      |                                                                                                                |
|---------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------|
|                                                         | 1973 | Otto Warburg Medal, Gesellschaft für<br>Biologische Chemie der Bundesrepublik<br>(Federal Republic of Germany) |
| <i>(b) Fellowships<br/>and Honorary<br/>Memberships</i> | 1965 | Fellow of the Institute of Biology<br><br>Fellow of the Royal Society                                          |
|                                                         | 1972 | Honorary Member, American Society of<br>Biological Chemists<br><br>Fellow of the Royal Society of Arts         |
|                                                         | 1980 | Honorary Fellow, Worcester College, Oxford                                                                     |
|                                                         | 1981 | Honorary Member, Japanese Biochemical<br>Society                                                               |
|                                                         | 1982 | Member, Deutsche Akademie der Naturforscher<br>Leopoldina<br><br>Honorary Fellow, Brasenose College, Oxford    |
|                                                         | 1986 | Foreign Associate, National Academy of<br>Sciences of the United States of America                             |
|                                                         | 1987 | Foreign Honorary Member, American Academy<br>of Arts and Sciences                                              |
|                                                         | 1989 | Honorary Fellow, Royal College of Physicians of<br>London                                                      |
|                                                         | 1989 | Member, Academia Europaea                                                                                      |
|                                                         | 1990 | Honorary Fellow, Wolfson College, Cambridge                                                                    |
|                                                         | 1992 | Fellow, American Academy of Microbiology                                                                       |
|                                                         | 1993 | Foreign Member, American Philosophical<br>Society                                                              |
|                                                         | 1995 | Honorary Member, Phi Beta Kappa                                                                                |
|                                                         | 1997 | Foreign Member, Accademia Nazionale dei Lincei                                                                 |

Honorary Governor, Hebrew University of  
Jerusalem

Governor Emeritus, Weizmann Institute of  
Science, Rehovot, Israel

*(c) Civil Honours* 1978

Appointed Knight Bachelor

**Chief research  
interests**

Nature and regulation of the processes that effect the entry into micro-organisms of carbohydrates, and their subsequent utilization for the provision of energy and of cell components.

**Publications**

*Energy Transformations in Living Matter*  
(with H. A.Krebs);

More than 250 papers in scientific journals.