

Preface and Acknowledgements

Fred Sanger was a very private person. When I first approached him in 1999 about writing his biography, he made it clear that he was not interested in talking to newspaper types who did not understand biochemistry. After I assured him I was a biochemist, he agreed to see me. At our first session, we talked mainly about biochemistry. When asked if I could return in a week and talk about his early life, he reluctantly agreed. I was clearly invading his privacy. At the same time, his brother Theo and longtime assistant Bart Barrell were encouraging him to meet with me. Dr. Sanger did not volunteer information. He would, however, respond to specific questions or comments. The pattern that characterized our meetings, then, was that I would interview family and colleagues; they would give me stories; and I would ask Dr. Sanger to respond to those stories. While some areas were off limits, he responded honestly. We met a dozen times over the next nine years. By the fourth or fifth meeting, he had decided that I was okay, and from that point on, he seemed to genuinely enjoy our sessions. We always strolled through the garden so he could show me whatever was in bloom at the time.

I gratefully acknowledge the following persons who agreed to interviews. **Family members:** Theodore Sanger (brother), Mary Sanger (sister), Robin Sanger (son), Peter Sanger (son), Sally Sanger (daughter), and Melody Wright (niece). **Colleagues and former students:** Gillian Air, Richard Ambler, Richard Baer, Bart Barrell, Sydney Brenner, George Brownlee, Alan Coulson, Nick Cowan, Francis Crick, Hal Dixon, John Donelson, Margaret Dowding, Allen Edmundson, John Finch, Blas Frangione, Theodore Freidman, Michael Fuller, Carolyn Geczy, P.T. Gilham, John Glegg, Geoff Grigg, Herbert Gutfreund, Brian Hartley, Richard Henderson, Peter Jeppesen, Aaron Klug, Kjeld Marcker, Celia Milstein, César Milstein, Kenneth Murray, Michael Neuberger, Steve Nicklen, Richard Perham, Sam Perry, Max Perutz, Julia Porter, Andrew Ryle, John Sedat, Denis Shaw, John Smith, Les Smith, John Sulston, Jordan Tang, Ted Thompson, Hans Tuppy, Lee Weith, Greg Winter, John Walker, Paul Whitfeld, Ian Young, and Ed Ziff. **Archivists:** Donald Boyd (The Downs, Colwall, Herefordshire), Annette Faux (MRC Laboratory of Molecular Biology, Cambridge), Bill Hetherington (Peace Pledge Union, London), and Alan Shrimpton (Bryanston, Blandford Forum,

Dorset). **Childhood friends:** Merrick Emrys-Roberts and John Jones. **Gloucestershire local historian:** Malcolm Whitaker. **Other archivists** who supplied materials are Laura Baldwin (University of New South Wales, Sydney), Clare Clark (Cold Spring Harbor Laboratory Archives, New York), Fiona Colbert (St. John's College, Cambridge), Christopher Hilton (Wellcome Library, London), John Lagnado (The Biochemical Society, London), and Hazel Zheng (Cambridge Biochemistry). I am deeply indebted to my **Reviewers:** Daniel Casciano, Christine Debouck, Ray Granade, and Randall Wight; and to Series Editor Seth Rasmussen.

I also gratefully acknowledge Ouachita Baptist University, Arkadelphia, Arkansas, USA, and the J.D. Patterson Summer Research Program for financial support.

Arkadelphia, USA

Joe S. Jeffers

Frederick Sanger

Two-Time Nobel Laureate in Chemistry

Jeffers, J.S.

2017, XI, 88 p. 70 illus., 23 illus. in color., Softcover

ISBN: 978-3-319-54707-7