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Biophysical Chemistry 101–102 (2002) 1–5

Biophysical Chemistry

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Curriculum Vitae
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Birthdate/Place:
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Education:

1948	A.B., Temple University, Chemistry
1949	M.S., Princeton University, Physical Chemistry
1951	Ph.D., Princeton University, Theoretical Chemistry

Honors/Professional Experience:
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1951–1952	PHS Postdoctoral Fellow, University of Utah
1953–1954	PHS Postdoctoral Fellow, Carlsberg Laboratory, Copenhagen, Denmark
1954	Rask-Oersted Fellow, Carlsberg Laboratory
1954–1955	PHS Postdoctoral Fellow, Carlsberg Laboratory
1955–1956	DuPont Fellow, University of Minnesota
1956–1958	Assistant Professor, University of Minnesota
1958–1963	Associate Professor of Chemistry, University of Oregon
1959–1990	Member, Institute of Molecular Biology, University of Oregon
1959–1963	Sloan Fellow
1962–1967	BBC Study Section of NIH
1963–1964	Laboratoire de Hautes Pression, CNRS, Bellevue, France
1963–1990	Professor of Chemistry, University of Oregon
1964	Department of Physical Chemistry, H.C. Oersted Institute, University of Copenhagen, Denmark
1969–1970	Guggenheim Fellow, Department of Chemical Physics, Weizmann Institute, Rehovot, Israel
1977–1978	Department of Molecular Biology, MRC Laboratory, Cambridge, England
1978	Department of Chemical Physics, Weizmann Institute, Rehovot, Israel
1980	Visitor, Laboratory of Chemical Physics of the NIAMDD, NIH, Bethesda, Maryland
1982	Member, National Academy of Sciences
1983	Member, American Academy

PII: S0301-4622(02)00186-2

	of Arts andSciences
1983	Honorary Doctorate, Chalmers University, Sweden
1983–1984	Visiting Professor at the Department of Inorganic Chemistry, Danish Technical University, Lyngby, Denmark; Department of Chemistry, Lund University, Lund, Sweden; Department of Physical Chemistry, Chalmers University,Gothenburg, Sweden
1984	Fellow, American Physical Society
1986	Chalmers 150th Anniversary Professorship, Chalmers University, Gothenburg, Sweden
1987	Visiting Professor at the Universities of Padua, Italy and Cambridge, England
1990	Honorary Doctorate, University of Padua, Italy
2001	Fellow, Biophysical Society

Professional Societies:

American Physical Society
Sigma Xi
American Chemical Society
Biophysical Society
Society of Biological Chemists

1. List of Publications

1. J.A. Schellman, W. Kauzmann, The dielectric polarization of ice, Phys. Rev. 82 (1951) 315.
2. J.A. Schellman, The application of the Bjerrum ion association theory to the binding of anions by proteins, J. Phys. Chem. 57 (1953) 472–475.
3. J.A. Schellman, E.B. Simpson, W. Kauzmann, The kinetics of protein denaturation. II. The optical rotation of ovalbumin in solutions of quanidinium salts, J. Am. Chem. Soc. 75 (1953) 5152–5157.
4. K. Eik-Nes, J.A. Schellman, R. Lumry, L.T. Samuels, The binding of steroids to protein. I. Solubility determinations, J. Biol. Chem. 206 (1954) 411–419.
5. J.A. Schellman, R. Lumry, L.T. Samuels, The binding of uncharged molecules to proteins. II. Testosterone and bovine serum albumin, J. Am. Chem. Soc. 76 (1954) 2808–2813.
6. K.U. Linderstrøm-Lang, J.A. Schellman, The structure of insulin as compared to that of Sanger's *A*-Chain, Biochim. Biophys. Acta 25 (1954) 156–157.
7. J.A. Schellman, The thermodynamics of urea solutions and the heat of formation of the peptide hydrogen bond, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 29 (1955) 223–229.
8. J.A. Schellman, The stability of hydrogen-bonded peptide structures in aqueous solution, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 29 (1955) 230–259.
9. C.B. Anfinsen, W.F. Harrington, A. Hvidt, K.U. Linderstrøm-Lang, M. Ottesen, J. Schellman, Studies on the structural basis of ribonuclease activity, Biochim. Biophys. Acta 17 (1955) 141–142.
10. J.A. Schellman, Dielectric saturation, J. Chem. Phys. 24 (1956) 912–913.
11. W.F. Harrington, J.A. Schellman, Evidence for the instability of hydrogen-bonded peptide structures in water, based on studies of ribonuclease and oxidized ribonuclease, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 30 (1956) 21–43.
12. J.A. Schellman, C.G. Schellman, The rotatory dispersion of amino acids and proteins. Arch. Biochim. Biophys, 65 (1956) 58–69.
13. J.A. Schellman, Dielectric saturation of associated liquids, J. Chem. Phys. 26 (1957) 1225–1230.
14. W.F. Harrington, J.A. Schellman, The effect of concentrated solutions of lithium bromide on the configuration of polypeptides and proteins, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 30 (1957) 167–181.
15. J.A. Schellman, The optical rotatory properties of proteins and polypeptides. I. Theoretical discussion and experimental methods, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 30 (1958) 363–394.
16. J.A. Schellman, The optical rotatory properties of proteins and polypeptides. II. The rotatory properties of β-lactoglobulin, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 30 (1958) 395–414.
17. J.A. Schellman, The optical rotatory properties of proteins and polypeptides. III. The rotatory properties of insulin, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 30 (1958) 415–428.
18. J.A. Schellman, The optical rotatory properties of proteins and polypeptides. IV. The rotatory properties of bovine serum albumin and ovalbumin, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 30 (1958) 429–438.
19. J.A. Schellman, The optical rotatory properties of proteins and polypeptides. V. The rotatory properties of clupein, the oxidized A-chain of insulin, and oxidized ribonuclease, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 30 (1958) 439–449.
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21. C. Schellman, J.A. Schellman, The optical rotatory properties of proteins and polypeptides. VII. Optical rotation and protein configuration, Compt. Rend. Trav. Lab. Carlsberg, Ser. Chim. 30 (1958) 463–500.

22. J.A. Schellman, The factors affecting the stability of hydrogen-bonded polypeptide structures in solution, J. Phys. Chem. 62 (1958) 1485–1494.
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