

## **BIO-DATA**

### **Y.SUBBAROW (1896-1948)**

Y. SubbaRow, a biochemist, was born on July 1, 1896, Madras State, India; Bachelor of Medicine, Master of Science, Madras University, 1921; Demonstrator in Physiology, Madras Medical College, 1921-1922, Doctor of Tropical Medicine, London University, 1923; entered United States, 1923; Harvard University Fellow, Harvard School of Tropical Medicine 1923-1924; Research Fellow in Biological Chemistry, Harvard Medical School, 1925-1927; worked with Dr. Otto Folin, Rockefeller Foundation Fellow, 1928-1930; Ph.D. in Biochemistry, Harvard, 1930; Austin teaching fellow in Biochemistry, Harvard Medical School, 1930-1936; Instructor, 1936-1938; Associate Professor, 1938-1940; Associate Research Director, Lederle Laboratories Division, American Cyanamid Company, 1940-1942; Research Director, 1942-1948. Died on August 9, 1948.

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**LIST OF THE PAPERS OF Y.SUBBAROW**

**INDEX**

<b><u>S.No.</u></b>	<b><u>Description</u></b>	<b><u>Period</u></b>	<b><u>Page No.</u></b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Correspondence	1921-2007	1-4
2	Subject files	1915-2002	4-7
3	Speeches/Writings by Him	1913-1930	7-8
4	Speeches/Writings by Others	1948-2007	8-9
5	Press Clippings	1943-1990	10
6	Printed Material	1912-2005	10-12
7	Other papers	1943-1965	13

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**LIST OF THE PAPERS OF Y.SUBBAROW**

**I      Correspondence**

<b><u>S.No.</u></b>	<b><u>From/To</u></b>	<b><u>Name of the Correspondent</u></b>	<b><u>No. of pages</u></b>	<b><u>Remarks</u></b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
		<u>American Institute of Nutrition, New York, Secretary of</u>		
1	From	26December 1940	1	Autograph
		<u>Andhra Jatheeya Vidya Parishad</u>		
2	From	9 December 1921	1	Autograph xerox
		<u>Central Drug Research Institute, Lucknow, Division of Biochemistry, Scientist-in- charge of</u>		
3	To	8 February 1972	1	Copy From S.P.K Gupta
4	From	19 February 1972	1	Autograph To S.P.K Gupta
5	To	21 June 1972	1	Copy From S.P.K Gupta
		<u>Hanumantharow, K.</u>		See under Andhra Jatheeya Vidya Parishad

1	2	3	4	5
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Lederle Laboratories (India)  
Private Ltd.

6	From	17 January 1958	2+5+2	Copy Addressed to the Minister for Industry, Manubhai M.Shah Enclosing an issue of the Lederle Bulletin and a brief life sketch of Y.SubbaRow
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Liesler, Betty B.

7	From	12 October 1936	2	Holograph Photoprint (negative)
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Malcolm, W.G.

8	From	11 August 1948	2	Copy To Mrs. Vadrevu Venkamma Yellapragda
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McGowan, Frank L.

9	From	20 October 1940	2	Holograph
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10	To	23 October 1940	1	Copy
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Meilaman, Edward

11	From	26 July 1940	2+5	Holograph Enclosing handwritten notes
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Milton, Elkin

12	From	23 April 1942	2	Also see subject File Sl.no.7(I)  Holograph
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1	2	3	4	5
		<u>Milton, Elkin (contd.)</u>		
13	From	1 November 1942	3	Holograph
14	To	13 April 1944	1	Copy
		<u>Mitchell Memorial Hospital, Medical Director of</u>		
15	From	14 June 1940	1+2	Autograph Enclosing 'Determination of Plasma Proteins'
		<u>Murthy, V.R</u>		
16	From	13 July 2007	1+37+38	Holograph To Dr. Sesikaran Enclosing translated typescript of Y.SubbaRow's ayurvedic work on 'Elephantiasis', 'Hysteria' and 'Vatha' handwritten
		<u>Nehru Memorial Museum &amp; Library, Archives Division, Head of</u>		
17	From	10 March 1972	1	Autograph To S.P.K Gupta
18	To	16 March 1972	1	Copy To S.P.K Gupta
19	To	27 March 1972	1	Autograph From S.P.K Gupta
		<u>Ramany, V.V</u>		
20	From	12 November 1966	4	Autograph To S.P.K Gupta

1	2	3	4	5
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Ramany, V.V (contd.)

21	From	22 November 1966	4	Holograph To S.P.K Gupta
22	From	12 March 1967	2	Autograph To S.P.K Gupta

(Dr). Sajous, C.E.De M.

23	From	5 May 1923	1	Copy
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Tiesler, A.E

24	From	24 October 1935	1	Holograph Photoprint (negative)
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Trimble, Harry C.

25	From	24 August 1948	1	Also see Subject file Sl. no.7(Pt.I), 8(b)  Copy To Mrs. Vadrevu Venkamma Yellapragada
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**II     Subject files**

<u>S.No</u>	<u>Description</u>	<u>Period</u>	<u>No. of Pages</u>	<u>Remarks</u>
1	2	3	4	5
1	Certificates and attendance sheet of Y.SubbaRow	1915-1924	4	

1	2	3	4	5
2	Copies of correspondence carried out by Y.SubbaRow with the faculty of Harvard medical school regarding his admission.	1921-1924	12	
3	Personal letters exchanged between Y.SubbaRow and his relatives during his journey to abroad and stay there	1923-1930, 1941	465	Two Parts
4	Correspondence carried out by Y.SubbaRow during his stay at Harvard medical school with various scientists such as C.A. Elvehjem, Harold R. Street, Ticher Max, W.J. Dann, David T.Smith and many others regarding various experiments. Also includes SubbaRow's enquiry regarding American medical schools, correspondence with Foundations, Publishing Houses and Laboratories, etc. for funding of projects, procurement of chemicals, subscription of periodicals, journals etc.	1925-1940	207	
5(a)	Scientific experiments carried out by various scientists published in different journals such as <i>The American Journal of Physiology</i> , <i>The New England Journal of Medicine</i> , <i>The Proceedings of the Society for Experimental Biology and Medicine</i> , <i>Archives of Internal Medicine</i> etc.	1925-1965	219	Handwritten material also there
5(b)	Scientific experiments carried out by the joint efforts of SubbaRow and others, reprinted from various Scientific Journals such as <i>The Journal of Biological Chemistry</i> , <i>The New England Journal of Medicine</i> , <i>The Proceedings of the Society for Experimental Biology and Medicine</i> etc.	1929-1935	82	

1	2	3	4	5
5(c)	Scientific experiments carried out by the joint efforts of Y.SubbaRow and others, (contributed mainly from Lederle Laboratories Division of American Cynamid Company, Pearl River) published in various issues of journals such as <i>The Journal of the American Chemical society</i> , <i>The Journal of Biological Chemistry</i> , <i>The Journal of Laboratory and Clinical medicine</i> etc.	1945-1949	342	Two parts
6	Correspondence carried out by G.W. Clark, W.B. Bell, M.C. Lockhart and others of Lederle Laboratories with David T.Smith, O.C. Hansen- Pruss, W.J. Dann and others of Duke University regarding various experiments, procurement of chemicals, financial grants to Duke University etc.	1936-1937	107	
7(a)	Correspondence carried out by SubbaRow at Lederle Division of the American Cynamid Company with H.C Trimble, David T.Smith, Eric. G. Bell, Leo Rane, Milton Elkin, Edward, L.Tactum, Austin M.Brues and others, mainly relating to various experiments.	1940-1942	156	
7(b)	Papers relating to Lederle Laboratories and American Cynamid Company	1953-1997	215	
8(a)	Correspondence carried out by S.P.K Gupta with various individuals and institutions in India such as K.Suryanarayana Murty, N. KrishnaMurti, R.R. Kasturi, C.R.Krishna Murti, National Archives of India, All India Institute of Hygiene and Public Health, etc. regarding collection of information about Y.SubbaRow,	1953-1972	341	



1	2	3	4	5
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contd. required for his biographical work on him. Also includes miscellaneous notes by S.P.K Gupta for the biographical work of Y.SubbaRow

8(b)	Correspondence exchanged between S.P.K Gupta and Y.SubbaRow's foreign colleagues such as H.C. Trimble, Austin, M.Brues, Milan A. Logan, Vilma Proctor, A.B. Hastings, G.H. Carlson, Himwich, P.L.Hyder, William B.Castle and others regarding their reminiscences of Y.SubbaRow, required for a biographical work on him. Also includes typed and handwritten notes on 'Muscle Chemistry' as background papers for biographical work on Y.SubbaRow	1954-1969	459	Three parts
8(c)	Interviews by S.P.K Gupta of various colleagues and persons known to Y.SubbaRow abroad, required for biographical work on him	1962-1965	361	Two parts

### III Speeches/Writings by Him

<u>S.No</u>	<u>Description</u>	<u>Period</u>	<u>No. of pages</u>	<u>Remarks</u>
1	2	3	4	5
1	Career sketch of Y.SubbaRow	1913-1930	5	Typed
2	Miscellaneous notes on various pathological experiments	Undated	88	Handwritten

1	2	3	4	5
3	Papers on 'Tridosh' theory	Undated	31	Handwritten and typed copy

#### IV Speech/Writings by Others

S.No.	Description	Period	No. of pages	Remarks
1	2	3	4	5
1	Biographical sketches and memoirs of various scientists such as Otto Folin, C.H.Fiske, A.V.Hill, Kohler, W.J. Dann, Milton Elkin, H.C.Trimble, and many others	1948-1989	79	
2	Biographical memoirs of Y.SubbaRow by various persons such as M.V Kamath, V.R.Swamy, C.R. Krishna Murti, M.N.Rao, A.K.Agarwal, V.A.Panikkar, PushpaMitra Bhargava and others published in various souvenirs, newspapers, journals, etc.	1948-2007	249	Two parts Also see printed material S.No. 14
3	'Researches of Yellapragada SubbaRao' and 'Superiority of Ayurveda to Other Systems of Medicine' – by Dr.A. Lakshmipathi	1953	7	Also see printed material Sl.no.5
4	'What Makes Basic Research Basic?' - by Hans Selye	1959	5	Published in <i>The Saturday Evening Post</i>
5	'A biochemist looks at his job' – Hans Kornberg answers questions from David Wilson and Wayland Young	1965	5	Published in <i>The Listener</i>

1	2	3	4	5
6	Reviews by various persons of the book <i>In Quest of Panacea: Success and Failures of Yellapragada SubbaRow</i> by S.P.K Gupta with Edgar L.Milford published in various magazines and newspapers	1988-1990	34	xerox copies compiled in book form
7	Articles on Y.SubbaRow by S.P.K. Gupta published in various souvenirs, magazines Journals etc.	1993-1999	103	Also see printed material Sl.no.10,11
8	'Diagnosis of Tuberculosis in the Control Programme of the Diseases' interview of Dr. Leo G. Rigler by Major K.N. Rao	Undated	4	Published in <i>The Madras Medical College Magazine</i>
9	'Has Polio met its match?' – by J.D. Ratcliff	Undated	5	Typed Copy
10	'Greatness not measured by titles'-India born U.S Scientist's view –extracted from an interview of Dr. S. Chandrasekhar in Bombay	Undated	3	Typed Copy
11	The Case for Honouring Dr.Yellapragada SubbaRow with Bharat Ratna - A note by Shri J. ChokkaRao, LokSabha, MP	Undated	1	Typed Copy

## V Press Clippings

<u>S.No</u>	<u>Description</u>	<u>Period</u>	<u>No. of pages</u>	<u>Remarks</u>
1	2	3		4
1	Miscellaneous Press Clippings from <i>The Times of India</i> , <i>Hindustan Times</i> , <i>The Hindu</i> , <i>The Statesman</i> , <i>Indian Express</i> , <i>The New York Times</i> , etc. relating to latest medicinal discoveries, obituaries and tributes on the death of Y.SubbaRow	1943-1990	38	

## VI Printed Material

<u>S.No</u>	<u>Description</u>	<u>Period</u>	<u>No. of pages</u>	<u>Remarks</u>
1	2	3		4
1	'The last will and testament of Sri Malladi Satyalingam Naicker' (1912) and 'Sri Malladi Satyalingam Naicker –A memoir'(1962)	1912, 1962	22	Published by M.S.N Charities, Kakinada
2	Issues from <i>Dhanvantari</i>	1920-1923	47	Published on behalf of the Madras Ayurvedic College
3	Material relating to Harvard Medical School	1922-1923, 1960	65	
4	Material on Madras Medical College	1928	45	Xerox

1	2	3	5	
5	‘Āyurvedic School of Medicine – Theory and Practice’ by A.Lakshmipathi	1952	16	Published by the Indian Institute of Culture Also see Speeches/ Writings by others Sl.no.3
6	‘The Peter Bent Brigham Story’	1963	33	Booklet
7	‘The Harvard Graduate Society for Advanced Study and Research’- formerly the Harvard Foundation for Advanced Study and Research	1965	8	Newsletter
8	<i>Medical Licensure Requirements</i> –for Internships and Residencies Medical Practice Basic Science Examinations, including list of secretaries of State Licensing Boards	1965	4	Leaflet
9	‘Çoronary Heart Disease Its Prevalence and Its Prevention’-by Dr. B.K Naik	1973	16	Yellapragada Subba Rao Memorial Oration delivered at Kakinada, at the time of XIV A.P.State Medical Conference
10	‘Çontrol of lymphatic filariasis-A manual for health personnel’	1987, 2000	25	Published by the World Health Organization, Geneva
11	<i>Ancient Science of Life</i> - Journal of International Institute of Ayurveda	1989	131	Published by AVR Educational Foundation of Ayurveda

1	2	3	5	
12	'Dr. Y.SubbRow Memorial Symposium on Nutrition, Bio-technology, Health and Disease. Also includes <i>Nutrition in Health and Disease</i> –proceedings of the symposium	1994-1995	189	Booklet Also see speeches/ writings by others Sl. no.7
13	Dr.Yellapragada SubbaRow Centenary Celebrations	1995	116	Souvenir Also see Speeches/Written by others Sl.no. 7
14	Magazines in South Indian languages	1995-2002	644	in Kannada and Telugu
15	<i>Pharma Manager</i>	1996	39	Volume I,No.9
16	Felicitations to Dr. R.A. Mashelkar, Director General, CSIR, Secretary, Government of India, New Delhi, and Yellapragada SubbaRow Oration lecture	2005	4	Published in <i>The Indian Journal of Clinical Biochemistry</i> , 2005, 20(2)1-3
17	'Eminent Medical Mind –Miracle Man of Miracle Drugs'	Undated	41	Also see Speeches/Writings by others Sl.no.2
18	<i>The Madras Medical College Magazine</i>	Undated	53	
19	'New Twentieth Century Citizens'-short life sketches of immigrants settled in America	Undated	46	xerox Copy

**VII    Other Papers**

<b><u>S. No.</u></b>	<b><u>Description</u></b>	<b><u>Period</u></b>	<b><u>No. of pages</u></b>	<b><u>Remarks</u></b>
1	2	3		4
1	<i>A page from Who's Who in America – Vol. 2</i>	1943-1950	1	
2	Photographs of Specimens for experiments	Undated	9	
3	A chronological list of the scientific works done by Y.SubbaRow	Undated	10	Typed Copy
4	Extracts from " <i>The Philosophy of Spinoza</i> "	Undated	4	Typed Copy
5	Translation of some Ayurvedic terms from Telugu to English by Vaidya Tumujuri Seshagiri Rao		10	