Dr. Lalit M. Srivastava (1932-2012), was born in Gonda, India on 7 September 1932. He obtained his PhD at the University of California at Davis (1962) studying with Professor Katherine Esau, a distinguished plant anatomist, and undertook post-doctoral work at Harvard University (1962-65) with biologists Irving Widmer Bailey and Ralph Wetmore. He joined the Department of Biological Sciences at Simon Fraser University as a charter member in 1965. He was an authority on the molecular basis of the action of gibberellins and on the physiology, and biochemistry of the seaweeds.

Academic positions

Assistant Professor, Simon Fraser University, 1965-1967
Associate Professor, Simon Fraser University, 1967-1971
Professor, Simon Fraser University, 1971-1998
Professor Emeritus, Simon Fraser University, 1998-2012

Mercer Research Fellow, Harvard University 1961-1964
Cabot Research Fellow, Harvard University 1964-1965
Visiting Professor, Department of Botany, Univ. of Delhi, India 1967-1968 and 1977
Visiting Professor, University of Cologne, Germany 1997

Administrative positions

Acting Academic Vice-President 1969-1970
Acting Dean, Faculty of Science, 1968
Associate Dean, Faculty of Science, 1969
Acting Chair, Department of Biological Sciences, 1984-1985
Chair, Department of Biological Sciences 1985-1990

President 1981-1988, Enmar Resources Corporation, Vancouver.
President 1985-1989, Neoteric Food Technology, Ltd., Vancouver.

Canadian Society of Cell Biology (Western Director); Association of Universities and Colleges of Canada (AUCC) Pre-selection Committee for Canadian Scholars going abroad; Governing Board (Chairman) and Board Committee on Faculty Contract Negotiations (Chairman), Capilano Community College; British Columbia Ministry of Education Management Advisory Council (Personnel Committee Chairman, Capital Facilities Committee); Pacific Section, Canadian Microscopical Society (Chairman); and Canadian Council of University Biology Chairmen (Executive Committee).

Invited speaker:

India: Department of Botany, Delhi University; Punjab University, Chandigarh

Sri Lanka: University of Ceylon, Peradeniya

Germany: Botanical Institute, University of Cologne; NATO Advanced Study Institute, Bad Honnef

China: Institute of Oceanology, Qingdao

USA: University of Hawaii, Honolulu; Stanford University, Palo Alto, CA; University of California, Santa Cruz; Iowa State University, Ames; and Centennial Celebrations of the Arnold Arboretum, Harvard University, Boston, MA

Canada: University of Calgary, Alta.; NATO-supported Conference on Phloem Transport, Banff, Alta.; McGill University, Montreal, Que.; Pacific Forest Research Centre, Victoria, B.C.; and Department of Zoology, University of British Columbia, Vancouver

Reviewer

Research proposals for U.S. National Science Foundation and NSERC.

Referee of manuscripts for American Journal of Botany, Botanical Gazette, Canadian Journal of Botany, Phytomorphology, Plant Physiology, Proceedings of the National Academy of Sciences, Protoplasma, and Wood Fiber.

Research Funding

Funding from: Environment Canada; Canada Department of External Affairs; Science Council of British Columbia; British Columbia Ministry of the Environment; North Atlantic Treaty Organization (NATO); Simon Fraser President's Research Fund, and Programs of Excellence; and operating and equipment grants from NSERC.

Publications

Books:

Srivastava, LM: Plant growth and development : hormones and environment. San Diego: CA : Academic Press (2002)

Srivastava, LM (ed). Synthetic and degradative processes in marine macrophytes : proceedings of a conference held at Bamfield Marine Station, Bamfield, Vancouver Island, British Columbia, May 16-18, 1980 / Berlin (1982)

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Book Chapters

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Srivasta, L.M. (Ed.). 1982. Synthetic and Degradative Processes in Marine Macrophytes. 296 pp. Walter de Gruyter & Co., Berlin.

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Yalpani, N., Z.-H. Liu, and L.M. Srivastava. 1987. Extraction and assay of gibberellin-binding proteins from cucumber and pea. *In*: D. Klambt (Ed.), Plant Hormone Receptors. NATO ASI Series, Vol. HI0: 285-280. Springer-Verlag, Heidelberg.

Refereed Journal Articles

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Meng, JX, Srivastava, LM: Partial-Purification and Characterization of Floridoside Phosphate, Synthase from Porphyra-Perforata. Phytochemistry 30, 1763-1766 (1991)

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Shoemaker, EM, Srivastava, LM: Mechanics of Stomatal Opening in Corn (Zea-Mays L) Leaves. Journal of Theoretical Biology 42, 219 (1973)

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Srivastava, LM, Obrien, TP: On Ultrastructure of Cambium and Its Vascular Derivatives 2. Secondary Phloem of *Pinus strobus* L. Protoplasma 61, 277 (1966)

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Srivastava, LM: Cytogenetical Studies in Certain Species of Vicia. Cytologia 28, 154-1963

Viswanathan, PN, Srivastava, LM, Krishnan, PS: Diurnal Variations in Some Enzymes of Carbohydrate Metabolism in Tapioca, Leaves. Plant Physiology 37, 283 (1962)

<u>Translation:</u>

Munshi Premchand: Karmabhoomi. Novel written in Hindi. Translated into English by LM Srivastava. Oxford University Press