

## IN MEMORIAM



*Timo  
Kalima,  
M.D.,  
1939-1990*

Dr. Timo Kalima was a surgeon and enthusiastic lymphologist. He was born in Helsinki, Finland, and graduated (M.D.) in 1966 at the University of his city. His interest in lymphology started during his training period in the late sixties at the Helsinki University Central Hospital, when he was asked to proceed with a project on the influence of lymphatic obstruction on the histology of the small intestine. He accepted the challenge and these efforts led to his thesis, published as a supplement to the *Scandinavian Journal of Gastroenterology* in 1971. In addition to studying the structure of intestinal lymphatics, this work showed that lymphatic obstruction caused profound changes in the histology and electron microscopy of the small intestinal mucosa. It could be concluded that lymphatic obstruction explained, at least in part, the pathophysiologic changes seen in Crohn's disease. For his monograph, Timo Kalima was awarded in 1972 the Congress Award of the International Society of Lymphology. Collaborative studies later led to detailed

analysis of the lymphatic valves and the initial lymphatics of the intestine, both under physiologic conditions and after changes in the lymphatic and blood circulation. He also studied intestinal lymphatics in porcine regional enteritis and lymphatics of the gallbladder in the pathogenesis of cholecystitis. Dr. Kalima's initiative and enthusiasm was also evident in many other fields of surgery. His research interests covered peptic ulcer disease and other causes of gastrointestinal bleeding, endoscopic laser surgery, breast cancer treatment, and many aspects of gastrointestinal operations and disease. His accomplishments and expertise led him to academic teaching positions. He was Associate Professor of Surgery at the University of Helsinki, 1975-1981, and Senior Consultant in Gastroenterological Surgery thereafter. Before his death on April 20, 1990, he had also acted for a period as the Professor of Surgery at the University of Tampere.

There was something of a true artist in Timo. He was a great friend, good company, and receptive to most new ideas and developments. As a great traveler, he loved the ISL Congresses, where he often presented his innovative findings. We fellow lymphologists remember him well as a person who deeply appreciated history, but he was also ever ready to respond to the challenges of both the present and the future. He is survived by his wife and two grown sons.

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