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COVER LEGEND

This month's cover features Alexander Lipschutz and Rigoberto Iglesias, longtime collaborators in the study of endocrine tumorigenesis at the Instituto de Medicina Experimental in Santiago, Chile.

Alexander Lipschutz (b. 1883, Riga, Latvia) received his M.D. in 1907 in Göttingen, West Germany. After serving as professor of physiology at Tartu, Estonia (now Russia), he moved to Chile in 1926. In 1932, he became professor of physiology and Dean of the Faculty of Medicine at the new Universidad de Concepción. Lipschutz again continued actively as an honorary member.

In 1960, Lipschutz as director and proceeded with his research of endocrine carcinogenesis, with intervals of study in the United States. Since 1950, Lipschutz has concentrated on transplantable endocrine tumors of the A x C rat, starting with a functional ovarian tumor found in Albert Segaloff's laboratory at the Ochsner Foundation in New Orleans. This tumor was still functional in 1972. The collection facing some difficult years, the institute is recovering and recently was selected as an International Cooperating Center for Cancer Research at the Instituto de Medicina Experimental in Santiago, where his investigations with Professor Lipschutz continued.

Since 1950, Iglesias has concentrated on transplantable endocrine tumors of the A X C rat, starting with a functional ovarian tumor found in Albert Segaloff's laboratory at the Ochsner Foundation in New Orleans. This tumor was still functional in 1972. The collection facing some difficult years, the institute is recovering and recently was selected as an International Cooperating Center for Cancer Research at the Instituto de Medicina Experimental in Santiago, where his investigations with Professor Lipschutz continued.

The Instituto de Medicina Experimental (pictured) is now located at Avenida Irarrázaval 849, Casilla 3401, Santiago, Chile. After facing some difficult years, the institute is recovering and recently was selected as an International Cooperating Center for Cancer Research at the Instituto de Medicina Experimental in Santiago, where his investigations with Professor Lipschutz continued.

We are indebted to Dr. Iglesias for the photographs and information. The portrait of Lipschutz (left) was taken ca. 1945 and that of Iglesias (right) in 1960. Not a great help." Thus, he returned in 1942 to the Instituto de Medicina Experimental in Santiago, where his investigations with Professor Lipschutz continued. In 1960, Iglesias succeeded Lipschutz as director and proceeded with his research of endocrine carcinogenesis, with intervals of study in the United States.

This work has been summarized in two books, Steroid Hormones and Tumors (Baltimore: Williams & Wilkins Co., 1950) and Steroid Hormones and Tumorigenesis (Cambridge: Heffer, 1957).

Rigoberto Iglesias (b. 1911, Quipao, Chile) graduated in medicine in 1938 as one of Lipschutz's original students. Discouraged after three years as a country doctor, he lamented, "Amidst poverty and ignorance, even a good health service and personal enthusiasm are not a great help." Thus, he returned in 1942 to the Instituto de Medicina Experimental in Santiago, where his investigations with Professor Lipschutz continued. In 1960, Iglesias succeeded Lipschutz as director and proceeded with his research of endocrine carcinogenesis, with intervals of study in the United States.

Since 1950, Iglesias has concentrated on transplantable endocrine tumors of the A X C rat, starting with a functional ovarian tumor found in Albert Segaloff's laboratory at the Ochsner Foundation in New Orleans. This tumor was still functional in 1972. The collection facing some difficult years, the institute is recovering and recently was selected as an International Cooperating Center for Cancer Research at the Instituto de Medicina Experimental in Santiago, where his investigations with Professor Lipschutz continued.

Although he retired as director of the Institute in 1960, he has continued actively as an honorary member.

Lipschutz and his colleagues demonstrated in their work that partial castration in the guinea pig led to hyperplasia of the endometrium and myometrium, and exogenous estradiol was shown to produce uterine and other intradominal fibrous tumors. Progestational compounds were found to be antitumorigenic, countering estrogens, as were some androgens and corticoids. Antitumorigenic steroids were discovered to be antitumorigenic and most were Δ3-3-ketosteroids.

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