



DISTINGUISHED LECTURES IN CHEMISTRY AND BIOCHEMISTRY

lundi 13.06.2005 17h30
Sciences II auditoire A150

un événement organisé conjointement par
la Société Chimique de Genève et la Section de Chimie

Protein Cross-Talk in Cell Signaling

Professor Emeritus Edmond H. Fischer

**Laureate of the Nobel Prize
for Physiology and Medicine 1992**

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Edmond H. Fischer is Professor Emeritus at the University of Washington, but his attachment to Geneva is strong.

He was sent from Shanghai to Geneva at the age of 7 to school at La Châtaigneraie, now the École Internationale. After his *Maturité Fédérale* at the Collège Calvin during World War II, he entered the University of Geneva and obtained two *Licences ès Sciences*, one in biology and one in chemistry, then a *Diplôme d'ingénieur chimiste* and finally a PhD thesis in organic chemistry, under the supervision of Prof. K. H. Meyer. It is at this moment that he began to study natural polymers. In 1950, he was appointed *Privat Dozent* to give the first courses in biochemistry and enzymology at the University of Geneva.

His work on enzymes opened doors for him in the United States, where he intended to continue his studies in biochemistry. He was offered positions at Pittsburgh and at Madison, while on his way to a post-doctoral fellowship in CalTech, but he finally chose the Medical School of the University of Washington, in Seattle, where he started a long-lasting collaboration with Ed Krebs. They shared the Nobel Prize for Physiology and Medicine in 1992, for the discovery of reversible protein phosphorylation as a biological regulatory mechanism.

Les *Distinguished Lectures in Chemistry and Biochemistry* proposent aux étudiants et chercheurs de grandes figures qui ont contribué de manière marquante aux sciences moléculaires modernes. **Un apéritif est offert à leur issue.**



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