

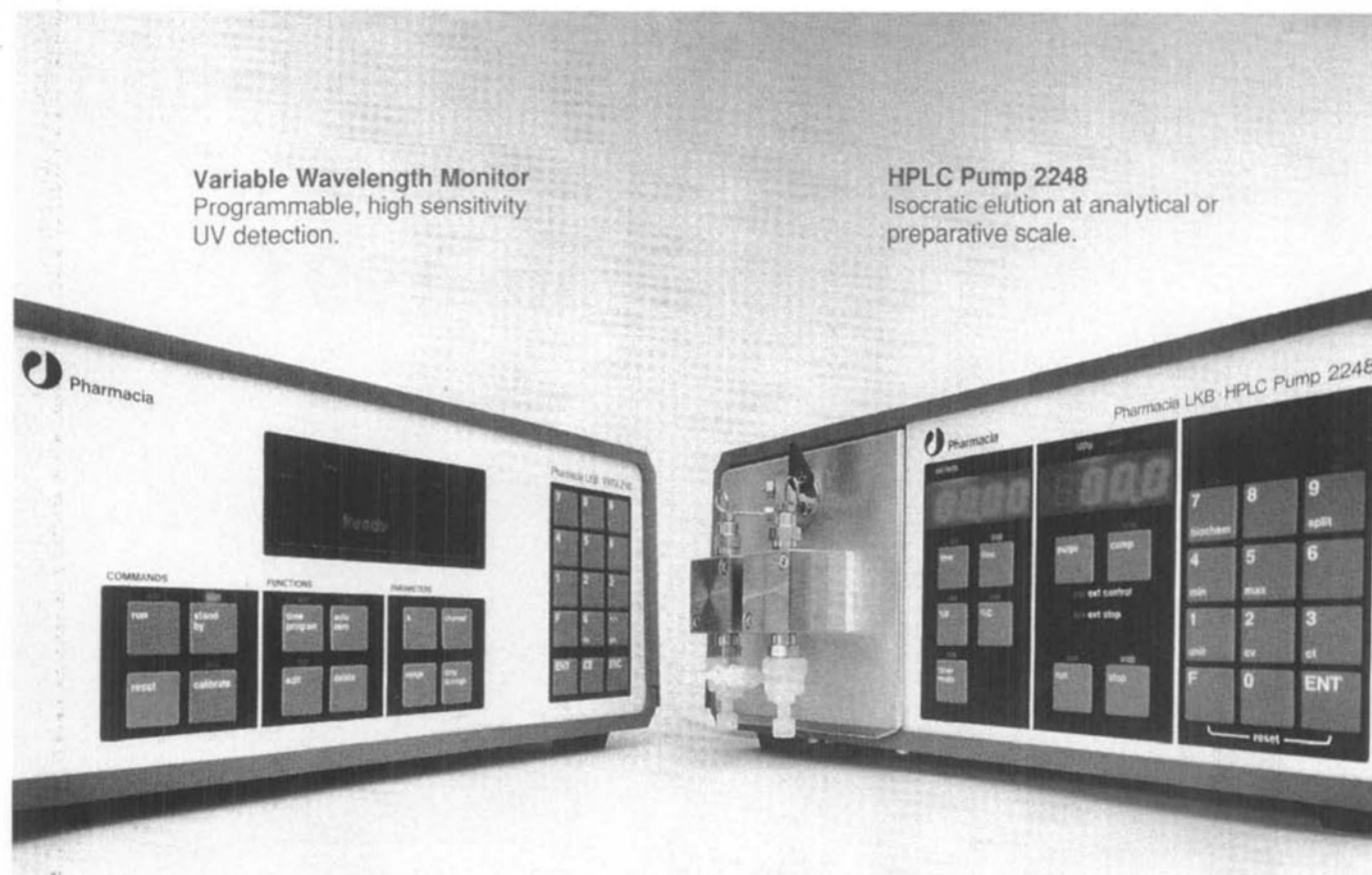
# Herzliche Gratulation zum Nobelpreis für Chemie 1991



**Prof. Richard R. Ernst**

- 14.8.1933 Geboren in Winterthur.
- 1940–1952 Primarschule, Gymnasium und Oberrealschule in Winterthur.
- 1952–1956 Studium an der Abteilung für Chemie der Eidgenössischen Technischen Hochschule Zürich (ETH-Z) mit Abschluss als Dipl. Ingenieur-Chemiker.
- 1957–1962 Doktorant unter Prof. H. Primas und Prof. Dr. Hs.H. Günthard. Thema: I. Kernresonanz-Spektroskopie mit stochastischen Hochfrequenzfeldern; II. zur Konstruktion eines optimalen Kernresonanz-Messkopfes mit Abschluss als Doktor der technischen Wissenschaften ETH-Z.
- 1962–1963 Wissenschaftlicher Mitarbeiter am Laboratorium für Physikalische Chemie, ETH-Z.
- 1963–1968 Wissenschaftlicher Mitarbeiter bei *Varian Associates*, Palo Alto, California, in der Instrument Division. Entwicklung der NMR-*Fourier*-Spektroskopie, Rauschentkopplung, Computermethoden.
- 1968–1970 Privatdozent für physikalische Chemie an der ETH-Z. Leiter einer Forschungsgruppe für Kernresonanzspektroskopie. Weiterentwicklung der *Fourier*-Spektroskopie. Entwicklung der stochastischen Kernresonanz.
- 1970–1972 Assistenzprofessor ETH-Z.
- 1972–1976 Ausserordentlicher Professor ETH-Z.
- seit 1976 Ordentlicher Professor ETH-Z. Entwicklung der zweidimensionalen Kernresonanzspektroskopie, Mehrquantenspektroskopie, Kohärenztransfer in der magnetischen Resonanz, Puls-ESR-Spektroskopie, Entwicklung von Festkörper-NMR Methoden, Studium der Wasserstoffbrückendynamik im Festkörper, Computeranalyse von zweidimensionalen NMR-Spektren, dreidimensionale NMR-Spektroskopie, Nullfeld-Resonanz. Entwicklung der *Fourier*-NMR-Tomographie Methode.

## P H A R M A C I A   L K B   B I O T E C H N O L O G Y



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