

(1110)

3 August 1992

Dear Professor Noyce:

I am greatly honored to be able to participate in this celebration of 50 years of progress in Japanese synthetic organic chemistry, and to consider how the much younger field of computational chemistry can contribute to further progress.

I talked briefly about Merck work attempting to develop therapies for arthritis, emphysema etc. by designing inhibitors of human leukocyte elastase utilizing enzyme crystal structures, molecular modeling, and the insight of medicinal chemists. This example shows well the complexity of drug design and development, and the importance of synthetic medicinal chemistry in making progress.

With best wishes,
Peter Gend