



Undurti N. Das, MD, FAMS,

President and Founder of UND Life Sciences, Editor-in Chief *Lipids in Health and Diseases*

Professional goals:

To develop new anti-obesity, anti-cancer, anti-diabetic, anti-hypertensive, anti-infective, and anti-schizophrenia drugs; Investigate the role of long-chain polyunsaturated fatty acids in the prevention of adult diseases including nephropathies that occur in diabetes, hypertension, collagen vascular diseases, depression, and schizophrenia and to do clinical oriented research. To study the interactions between genes and environment in these clinical conditions using microarrays and SiRNA techniques, and to develop newer diagnostic markers for these clinical conditions.

Research:

- Over 25 years research experience
- Well versed with modern biological research techniques
- Extensive supervisory experience both at undergraduate and graduate level
- 12 doctoral students obtained their Ph.D. in Biochemistry under my supervision
- Essential fatty acids, eicosanoids, cytokines, free radicals, nitric oxide, free radicals and melatonin in various disease processes including mutagenesis, carcinogenesis, cancer, diabetes mellitus and essential hypertension

Clinical summary:

- More than 20 years experience as a Professor of Internal Medicine
- Extensive experience in patient care
- Management of diverse types of clinical conditions and clinical research and trials
- More than 20 years of clinical experience in the areas of Internal Medicine, Endocrinology, and Diabetology

Honors and awards:

- Shakuntala Amirchand prize of ICMR in Experimental Medicine -1988
- Dr.Coelho Memorial Prize of Association Physicians of India in Experimental Medicine - 1992
- Regional Research Award of Japanese Society of Clinical chemists - 1992
- Shanti Swaroop Bhatnagar prize in Medical Sciences -1992
- Elected as Fellow of the Indian College of Physicians (FICP) -1993

Member of:

- New York Academy of Sciences, USA
- American Association for the Advancement of Science
- Society for Experimental Biology and Medicine, New York, USA

Member of the Editorial Board of the journals:

- Nutrition: published from N.Y., USA
- Editor-in-Chief, *Lipids in Health and Disease*-published by BioMed Central, U.K.
- Journal of the Association of Physicians of India
- Current Nutrition and Food Science
- The European Journal of General Medicine
- Current Pharmaceutical Biotechnology

Publications:

Over 300 articles in print and

1 book:: Das UN. *A Perinatal Strategy for Preventing Adult Diseases: The Role of Long-chain Polyunsaturated Fatty Acids*. Kluwer Academic Publishers, Boston, 2002.