



BRIEF BIO-DATA

Name : **Amu Therwath**

Date of Birth : November 28, 1946

Nationality : Dual Nationality
French & Indian
UN Passport holder

Recent Positions : Professor, Molecular Virology
University of Paris - Denis Diderot
Vice-President – ACV
Vice-Executive President – NEOVACS
Dir.UMRS 872 E: 18, INSERM-CNRS
HIV Vaccine Development
Vax-Consulting Paris - Partner
Ex-Member–Scientific Advisory Council
(Overseas) (SAC-O) of the Department of
Biotechnology, Govt. of India
Member of several science advisory committees
such as NICED, NCCS...
Chief Tech Advisor UNIDO, Vienna 1982-1990

Address : Prof Amu Therwath
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Qualifications : MD (University of Lausanne, 1978)
PhD (University of Geneva, 1974)

DS (University of Paris, 1980)

Memberships :

American Association for Cancer Research (AACR)
American Society of Microbiologists
International Apoptosis Group
Fellow – Academy of Medicine & Academy of Sciences

Advisor :

UN - AID program on Development
UNIDO - Chief Technical Advisor
WHO - Advisor TDR
Expert Consultant for the United Nations, NY on SE Asia
French Ministry of Foreign Affairs – Special Advisor on South East Asia

Research Interest :

Molecular Genetics of human cell transformation and development of malignant phenotypes. The role of tumor suppressor genes and genes involved in cell death pathway (apoptosis) studied in relation to breast tumorigenesis. The modulation of pro-apoptotic gene expression investigated in order to overcome the appearance of drug resistant phenotypes particularly after chemotherapy.

A second chapter concerns development of cytokine based active immunization against Rheumatoid Arthritis
We have successfully developed a therapeutic vaccine (patented) which is due for clinical trial.
Lastly, a pharmaco-genomic approach to understanding differences in disease development (severity, duration, latency period) in persons infected by the AIDS virus. Some interesting findings of applicable clinical importance have been obtained.

- Reviewer : Reviewer for International Journals such as :
- 1) Cancer Research
 - 2) Int.Journal of Cancer
 - 3) International Journal of Oncology
 - 4) Journal of Cellular and Molecular Biology
 - 5) EMBO Journal
 - 6) Gene
 - 7) International J of Cancer
 - 8) Vaccine
 - 9) Journal of Infectious.Diseases
- Examiner : Examiner for MD and PhD at various French as well as European and Indian Universities
- PhD Guide : I have guided 26 PhD theses so far
- Publications : 52 full length and peer-reviewed articles in International Journals with`reader impact. Published in Cell, Proc. Natl. Acad. Sci.USA, Gene, Int. J. Cancer, etc. Will provide full list and relevant reprints on request. 107 Oral communications with abstracts, presented in 31 countries.
- Guest/Visiting Professor : Visiting Professor at several Universities: (New York, Columbia University, Hambourg, Edinbourg, Uppsala, Berlin, Shanghai, Nanjing, Beijing, Quezon City etc.)

*Prof. Therwath is recipient of several international awards and honors and have been cited for his work by **TDR, WHO and UNIDO**. The Chinese government has honoured him by nominating him Life Member of the **Chinese Academy of Medicine**.*

*Prof. Therwath is an advisor to the **Chinese Academy of Sciences**, the Zhongke Company of Nanjing in the domain of fungal derivatives of medical value.*