



**Aladar A. Szalay, PhD**



**Research Areas:**

- University Professor, Department of Biochemistry University of Würzburg
- Professor, Department of Radiation Oncology, Moores Cancer Center, University of California San Diego
- founded Genelux Corporation in 2001 and served as its Chairman, President CSO & CEO from 2001 and 2014:
  - the company raised nearly \$100 million from mainly private investors for its groundbreaking research and clinical program that included four Phase 1 human trials involving the company's lead compound, the oncolytic vaccinia virus, GL-ONC1
- He has published over 225 peer-reviewed scientific papers, has filed more than 160 patent applications, and holds more than 90 issued patents
- Recipient of the Wilhelm Exner Award (Medal for Excellence in Science) from Austria and the Alexander von Humboldt Prize from Germany

**In which areas do global and especially changes in biodiversity affect our daily life? Which changes did already take place and which development do you see in the future?**

- a. the global distribution of water for human and agricultural use helps to eliminate diseases and provides sufficient and diversified nutrition.
- b. the driver less, remote controlled none carbon powered cars will solve our highway traffic problems and will result in drastic reduction of pollutants.
- c. individualized energy storage ( one overnight rechargeable battery for each family house) will help to save energy use and makes our homes more energy use conscientious and central storage independent.

**Which factors are important to develop strategies that do not only improve our current situation immediately, but also lead to a sustainable change?**

- a. reduction of health care costs by expedited drug approval
- b. live vector based drug delivery, and live cell based disease therapy
- c. development of individualized medicine, and compassionate clinical trial based drug approval.

The first group of answers reflects my global interest, the second group of answers are my personal interests which I try to realize with my daily scientific and medical involvement.