

Dr. Waldemar Waldeck

Department: Biophysics of Macromolecules

CV:

WALDEMAR H. WALDECK

Dr. rer. nat.

Personal

Date of birth: 1945

Place of birth:

Academic Education and Appointments

1966 – 1972

Student, Diploma and Thesis: Ruperto Carola Heidelberg University and DKFZ Institute for Virus Research.

1973 – 1975

Postdoctoral fellow for Virus Research, at DKFZ.

1976 – 1978

Fellowship received from the European Molecular Biology Organization.

Karolinska Institutet, Biokemi1, Stockholm, Sweden.

1979 – 1986

Group leader and deputy head of department, Institute for Virus Research, Dept of DNA Tumor Viruses.

1987 – 1993

Group leader and deputy head of department at DKFZ: Experimental Therapy and Diagnostics: Molecular Biology of DNA Tumor Viruses.

1994 – 2007

Group leader at DKFZ (H0501 and B045) Genome Research and Bioinformatics in the Dept of Macromolecules.

2008 – 2010

Senior Scientist DKFZ (Dept. B040) Genome Research and Bioinformatics in the Dept of Macromolecules.

2010 – 2015

Retirement followed by part time scientific activities.

Publications

(This is not a complete list of publications, but only a selection of the major ones.)

K. Braun, A. Hotz-Wagenblatt, M. Wiessler, R. Pipkorn, D. Komljenovic, W. Semmler and W. Waldeck. Cigarette Smoke Extracts induce and repress Genes in Human embryonic Lung Cells. *International Journal of Pharmaceutical Sciences and Research* 5, (3):1059-1076, 2014.

K. Braun, M. Wiessler, V. Ehemann, R. Pipkorn, H. Spring, J. Debus, B. Didingier, M. Koch, G. Muller and W. Waldeck. Treatment of glioblastoma multiforme cells with temozolomide-BioShuttle ligated by the inverse Diels-Alder ligation chemistry. *Drug Des Devel. Ther.* 2:289-301, 2009.

R. Pipkorn, W. Waldeck, and K. Braun. The SPPs of bacterial addressed peptides and PNAs overcoming the resistance against antibiotics. *Biopolymers* 80 (4):528, 2005.

R. Pipkorn, W. Waldeck, and K. Braun. Synthesis and application of functional peptides as cell nucleus-directed molecules in the treatment of malignant diseases. *Journal of Molecular Recognition* 16 (5):240-247, 2003.

R. Pipkorn, J. Debus, W. Waldeck, M. Koch, and K. Braun. Synthesis of functional peptides for therapy of HPV 18 positive Hela cervix cancer cells. *Biopolymers* 71 (3):409, 2003.

W. Waldeck, U. Spaeren, G. Mastromei, R. Eliasson, and P. Reichard. Replication of Polyoma DNA in Nuclear Extracts and Nucleoprotein Complexes. *Journal of Molecular Biology* 135 (3):675-689, 1979.

W. Waldeck and G. Sauer. New Oncogenic Papova Virus from Primate Cells. *Nature* 269 (5624):171-173, 1977.