

CURRICULUM VITAE

- 25.04.54 Born in Göttingen, Germany
- 1960-1964 Ground school
- 1964-1973 Gymnasium
- 1973 Abitur
- 1973 Start of studies of Physics (*Physical Chemistry*) at University of Göttingen, Germany
- 1977-1979 Diploma work at Max-Planck-Institut für Biophysikalische Chemie (Prof. A. Weller):
„Use of E-type delayed fluorescence to study rotational diffusion of proteins”.
- 1979 Exam in Physics
- seit 1979 Merriage with Regina Woischnik-Greinert
- 1979-1982 Thesis work at Max-Planck-Institut für Biophysikalische Chemie (Prof. A. Weller; Dept. Prof. Dr. Dr. A. Stier):
„Investigation of rotational diffusion of Cyt. P450 in reconstituted membranes by means of photoselection”
- 1982 Promotion
- 1982-1986 Post-doc scholarship at Max-Planck-Gesellschaft at MPI für Biophysikalische Chemie.
Main interests: Investigation of lipid-protein-interaction in artificial membranes using time-resolved (laser-) fluorescence-spectroscopy

- 1986 -1991 Scientific assistant at Institut für Medizinische Strahlenkunde (Prof. A.M. Kellerer), University Würzburg, Germany
Main interests: Mutation induction and characterization of DNA repair processes after ionizing radiation
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- 1988 Year of birth of daughter Anna Paulina
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- 1991-1996 Scientific assistant at Institut für Medizinische Physik und Biophysik (Prof. D. Harder), University, Göttingen, Germany.
Head of Dept.: „Flow cytometry and fluorescence microscopy”.
Main interests: Investigation of mechanisms of radiation- induced chromosome aberrations. DNA repair after ionizing radiation and UV-radiation.
- since 1996 Head of Dept. „Molecular Cell Biology” at Center of Dermatology (Prof. Dr. E.W. Breitbart), Elbeklinikum Buxtehude, Germany
Main interests: Investigation of molecular mechanisms of UV-induced skin cancer. Role of epidermal stem cells in skin carcinogenesis. Epigenetic regulation of epidermal stem cells and cancer stem cells.
Molecular epidemiology. Biomarker for skin cancer risk, initiation and progression. Primary and secondary prevention of skin cancer
- Since 2015 Head of Research and Study Center of Elbekliniken (FSE). Involved in:
Clinical studies for melanoma therapy
Individualized diagnostics (mutations)
Biomarker for progression of multiple sclerosis (miRNA)
Biomarker for cardiovascular diseases (miRNA)

Memberships

Member of
European Society of Photobiology (ESP),
German DNA Repair Network and
Arbeitsgemeinschaft Dermatologische Prävention (ADP).

Member of Board of Directors of
Gesellschaft für Biologisch Strahlenforschung (GBF).

Member of the Standing Committee Optical Radiation (SC IV) of the
International Commission for Non-Ionizing Radiation Protection (ICNIRP)

Secretary General of
European Society of Skin Cancer Prevention (EUROSKIN).

Member several committees (C) and working groups (WG) of the German
Commission on Radiological Protection (SSK):

- Non-ionizing radiation (C)
- Radiation risk (C)
- Occupational exposure limits (WG)
- Revision of solar and sunbed UV recommendations (WG)