



Department and function:
Professor, Biophysical Chemistry

Education:
1975 – 1981 University of Hannover, Biochemistry
1981 – 1984 PhD thesis

Positions:
1984 – 1990 Postdoc Hannover Medical School
1990 – 1995 PD Hannover Medical School
1995 - Prof. Hannover Medical School

First name:
Jürgen

Last name:
Alves

Acad. Title:
Prof. Dr. rer. nat.

Address:
OE 4350
Hannover Medical School

Phone and e-mail:
++49-0511-532 3703
Alves@bpc.mh-
hannover.de

Further information:
[http://www.bpc.mh-
hannover.de/](http://www.bpc.mh-hannover.de/)

Major research interests:
Protein design using different model systems:

- Restriction endonuclease *EcoRI*
- IS/ Transposase
- Helikase I
- Dynamin

Circular Dichroism Spectroscopy

Selected Publications:
Kalthoff C, Alves J, Urbanke C, Knorr R, Ungewickell EJ. J Biol Chem 2002, 277: 8209-16.
Scheele U, Alves J, Frank R, Duwel M, Kalthoff C, Ungewickell E. J Biol Chem. 2003; 278(28):25357-68.
Fritsche P, Alves J. Biol Chem. 2004; 385(10):975-85
Wierstra I, Alves J. Biochem Biophys Res Commun. 2006 Sep 15;348(1):99-108.
Wierstra I, Alves J. Biol Chem. 2006 Jul;387(7):949-62.
Wierstra I, Alves J. Biol Chem. 2006 Jul;387(7):963-76.
Wierstra I, Alves J. FEBS J. 2006 Oct;273(20):4645-67
Wierstra I, Alves J. Biochem Biophys Res Commun. 2007;352(1):61-8.
Wierstra I, Alves J. Biol Chem. 2007;388(8):805-18
Wierstra I, Alves J. Biochem Biophys Res Commun. 2008;368(1):107-15.