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Positions and Employment

- 2008: Senior Scientist, Institute of Chemical Biology and Fundamental Medicine, SBIRAS, Novosibirsk, Russia.
- 2012: General director, “Biosoft.ru”- Skolkovo resident
- 2010: CSO, geneXplain GmbH, Wolfenbüttel, Germany
- 2005 - 2010: Senior Vice President R&D, BIOBASE GmbH, Wolfenbuettel, Germany.
- 2000 - 2005: Vice President R&D, BIOBASE GmbH, Wolfenbuettel, Germany.
- 1988 – 2004: Scientist, ICG, Siberian Branch of RAS, Novosibirsk.
- 1985 - 1988: Programmer, ICG, Siberian Branch of RAS, Novosibirsk.

Alexander Kel received his Ph.D. in Bioinformatics, Molecular Biology and Genetics in 1990. He studied biology and mathematics at Novosibirsk State University and obtained his M.S. in biology with special focus on mathematical biology in 1985. The research experience of Dr. Kel in Bioinformatics totals in more than 35 years. He worked in almost all branches of current bioinformatics: sequence analysis, gene recognition, promoter/enhancer analysis and prediction, prediction of RNA secondary structure, analysis of signal transduction pathways and identification of drug targets and systems biology and systems medicine. Alexander Kel has developed a modeling approach, called “upstream analysis”, which was previously applied for identification of causative biomarkers and drug targets in cancer, IBD and other disease conditions.

Alexander Kel is the author of more than 130 scientific publications. He is also an author of several chapters in books on bioinformatics.