

**Name: Zoltán Kupihár**

**Place and date of birth:** Miskolc, 1971.10.04.

**Current employer:** University of Szeged, Faculty of Medicine, Department of Medicinal Chemistry

**Job position, date of appointment:** senior lecturer, 1 September 2014

**Highest education:** chemistry M. Sc., 1996

**Scientific degrees, dates of award:** Ph.D., 22 June 2001

**Studies abroad:** Department of Chemistry and Biochemistry, University of Colorado at Boulder, Boulder, Colorado, USA (2002-2004, 2006-2007)

**Most important results have been obtained in the following fields:** Synthesis of modified nucleosides and nucleotides, and building them into oligonucleotides; synthesis of native and modified oligonucleotides and their mass spectrometric analysis; syntheses of phosphorylating agents for phosphopeptide synthesis; synthesis of steroid-carbohydrate and steroid-nucleoside bioconjugates; synthesis and mass spectrometric investigation of sensitive compounds

**Educational activities:** *Medicinal chemistry* lectures, seminars and laboratory courses (in Hungarian and English). *Synthesis and applications of nucleic acids* course for graduate and undergraduate students. Co-author of the book *Bioorganic chemistry* in Hungarian. Supervising B.Sc. and M. Sc. theses of students and PhD students.

**Participation in national and international scientific life:** member of the Carbohydrate, Antibiotics and Nucleotide Chemistry Working Committee of the Hungarian Academy of Sciences

**Current grant(s):** Hungarian Scientific Research Fund, grant numbers: K116318 (2015-2018); K113150 (2015-2019)

**Scientific activity:** synthesis and investigation of nucleobases, nucleosides, carbohydrates, oligonucleotides, phosphopeptides, bioconjugates of steroids; mass spectrometric analyses of nucleosides, nucleotides and nucleic acids

**Number of scientific works:** 31

**Impact factor (published and accepted papers):** 62,189

**H-index:** 11

**Books/chapters:** 1

**Number of lectures/posters:** 31

**Popular science works:** 4

2017.01.25.

**Number of citations (total):** 250

**Number of citations (independent):** 180

**Patents:** 6