

**Personal data:**

Name: **Szabolcs Osváth**

Born: June 4 1970, Oradea, Romania

Citizenship: Hungarian

Personal status: Married, three children

Present affiliation:

Kinepict Ltd.  
1026 Budapest, Julia u, 11

Semmelweis University  
Dept. of Biophysics and Radiation Biology  
1094 Budapest Tűzoltó u. 37-47, Hungary

**Education:**

- 2010-2011 Semmelweis International BioEntrepreneurship course, Budapest, Hungary
- 1998 Received PhD diploma, József Attila University, Szeged, Hungary
- 1997 Mandatory military service, defend PhD
- 1993-1996 PhD. student, Department of Biophysics, József Attila University, Szeged
- 1993 Received masters diploma in physics, József Attila University, Szeged, Hungary
- 1991-1993 Student scientific work, Biological Research Center of Szeged, Szeged, Hungary
- 1988-1993 Physics student, József Attila University, Szeged, Hungary

**Professional experience:**

- 2013- CEO, Kinepict Ltd.
- 2016- Senior research associate, Department of Biophysics and Radiation Biology of the Semmelweis University, Budapest, Hungary.
- 2013-2016 Senior research associate in the Molecular Biophysics Research Group, a joint group of the Hungarian Academy of Sciences and the Department of Biophysics and Radiation Biology of the Semmelweis University, Budapest, Hungary.
- 2004-2013 Assistant professor at the Dept. of Biophysics and Radiation Biology, Semmelweis University, Budapest, Hungary
- 2001-2004 OTKA postdoctoral research at the Dept. of Biophysics and Radiation Biology, Semmelweis University, Budapest, Hungary
- 2000-2001 Postdoctoral research in the laboratory of Dr. Martin Gruebele, Department of Physical Chemistry, University of Illinois at Urbana-Champaign
- 1998-2000 Postdoctoral research in the laboratory of Dr. Colin A. Wraight, Department of Biochemistry, University of Illinois at Urbana-Champaign, USA
- 1998 Postdoctoral research in the laboratory of Dr. Judit Fidy, Dept. of Biophysics and Radiation Biology, Semmelweis University, Budapest, Hungary

**Research interest:**

- 2013 - Thermodynamics  
2010 - Preclinical and sub-cellular imaging.  
1998-2013 Structure, dynamics and function of biological macromolecules. Protein structural changes, cofactor binding, folding, misfolding and aggregation.  
1991-2000 Function of the bacterial and green plant photosynthetic apparatus: charge separation in the photosynthetic reaction centers, consequent redox reactions and physico-chemical changes in the photosynthetic membranes.

**Teaching experience:**

- 2012- Lectures as part of the Physical biology of the living cell course at the Pázmány Péter Catholic University  
2008-2016 Lectures in Hungarian and English as part of the Biophysics course of pharmacy students  
2008-2016 Teaching Biostatistics and informatics for medical students  
2007-2008 Pharmacy tutor  
2003 Lecture about fast folding kinetic studies for PhD students at the Institut für Theoretische Chemie und Molekulare Strukturbiologie, Universität Wien, Austria  
2003-2016 Direct the scientific work of undergraduate and PhD students  
2003-2016 Lectures as part of the Biophysics course for Hungarian medical students  
2002-2003 Several lectures for PhD students as part of the course: Biophysical research methods of biological macromolecules. Dept. of Biophysics and Radiation Biology, Semmelweis University, Budapest, Hungary  
2001- Biophysics laboratory practices for medical students in Hungarian and English, Semmelweis University, Budapest, Hungary  
1999-2000 Directing the scientific research of an undergraduate student, Department of Biochemistry, University of Illinois at Urbana-Champaign, USA  
1995-1996 Biophysics laboratory practices for biology and physics students, Department of Biophysics, József Attila University, Szeged, Hungary

**Awards:**

- 2016 Semmelweis Innovation Award  
2009 Bolyai János Research Fellowship (2009-2012)  
2004 First prize of Sigma Hungary  
1996 Prize of the Scientia Amabilis Foundation

**Participation in grants:**

- 2017 VEKOP-2.3.3-15-2016-00004  
2017 NVKP\_16-1-2016-0017  
2010 Baross Gábor VAN-I-BA-REG-KM-09-1-2009-0016  
2009-2013 OTKA K-77730  
2006-2007 TÉT A-04/2005  
2006-2008 ETT 512/2006  
2002-2005 ETT 545/2002  
2002-2003 TÉT A-17/02  
1997-2000 MKM FKFP 1191/1997

**Principle investigator in the grants:**

2017 START\_UP\_13-3-2016-0010  
2013 IPARJOG\_12-2013-0008  
2006-2008 ETT 528/2006  
2001-2004 OTKA D-38480

**Memberships and tasks in organizations:**

2017- Radiological Society of North America  
2017- European Society of Radiology  
2007 Local organizing comity of the XI. Methods and Applications of Fluorescence  
2006-2007 Local organizing comity of the II. Central European Regional Conference  
2006-2007 Participate in the organization of the XXIII. Congress of the Hungarian Biophysical Society  
2006-2007 Secretary of the Molecular Biophysics subgroup of Hungarian Biophysical Society  
1998- American Biophysical Society  
1998- Hungarian Biochemical Society  
1993- Hungarian Biophysical Society

**Spoken languages:**

Hungarian (first language)  
English  
Spanish