

Scholarly Book Chapters

- A. V. Zvyagin, Z. Song, A. Nadort, **V. K. A. Sreenivasan**, and S. M. Deyev, "Luminescent nanomaterials for molecular-specific cellular imaging", *Springer handbook of nano-optics*, in press

Refereed Journal Articles

- *** **Varun K. A. Sreenivasan**, Eun J. Kim, Ann K. Goodchild, Mark Connor and Andrei V. Zvyagin, "Targeting somatostatin receptors using in situ-bioconjugated luminescent nanoparticles", *Nanomedicine*, in press (IF 6.202)
- Mushtaq A. Sobhan, **Varun K. A. Sreenivasan**, Michael J. Withford and Ewa M. Goldys, "Non-specific internalization of laser ablated pure gold nanoparticles in pancreatic tumour cell", *Colloids and Surfaces B: Biointerfaces*, Vol. 92, pp. 190, 2012 (IF 2.780)
- Ekaterina A. Ivukina, **Varun K. A. Sreenivasan**, Oleg A. Stremovskiy, Boris V. Veryugin, Sergey V. Lukash, Andrei V. Zvyagin, Sergey M. Deyev, and R. V. Petrov, "Fluorescent nanodiamond bioconjugates on the base of barnase:barstar module", *Doklady Biochemistry and Biophysics*, Vol. 440, pp. 231, 2011 (IF 0.331)
- *** **Varun K. A. Sreenivasan**, Oleg A. Stremovskiy, Timothy A. Kelf, Marika Heblinski, Ann K. Goodchild, Mark Connor, Sergey M. Deyev and Andrei V. Zvyagin, "Pharmacological characterization of a recombinant, fluorescent somatostatin receptor agonist", *Bioconjugate Chem.*, Vol. 22, pp. 1768, 2011 (IF 5.002)
- Suman Nag, Bidyut Sarkar, Arkarup Bandyopadhyay, Bankanidhi Sahoo, **Varun K. A. Sreenivasan**, Mamata Kombrabail, Chandrakesan Muralidharan and Sudipta Maiti, "The nature of the amyloid- β monomer and the monomer-oligomer equilibrium", *J. Biol. Chem.*, Vol. 286, pp. 13827- 13833, 2011 (IF 5.328)
- Niraj Kumar Singh, Jenu V. Chacko, **Varun K. A. Sreenivasan**, Suman Nag and Sudipta Maiti, "Ultracompact alignment-free single molecule fluorescence device with a foldable light path", *J. Biomed. Opt.*, Vol. 16, Article # 025004, 2011 (IF 3.188)
- *** **Varun K. A. Sreenivasan**, Ekaterina A. Ivukina, Wei Deng, Timothy A. Kelf, Tatyana A. Zdob-nova, Sergey V. Lukash, Boris V. Veryugin, Oleg A. Stremovskiy, Andrei V. Zvyagin and Sergey M. Deyev, "Barstar:barnase – a versatile platform for colloidal diamond bioconjugation", *J. Mater. Chem.*, Vol. 21, pp. 65-68, 2011 (IF 5.101)

- *** T A Kelf, **V K A Sreenivasan**, J Sun, E J Kim, E M Goldys and A V Zvyagin, “Non-specific cellular uptake of surface-functionalized quantum dots”, *Nanotechnology*, Vol. 21, Article # 285105, 2010 (IF 3.652)

- Niti Kumar, Bankanidhi Sahoo, **K. A. S. Varun**, Sudipta Maiti and Souvik Maiti, “Effect of loop length variation on quadruplex-Watson Crick duplex competition”, *Nucleic Acids Res.*, Vol. 36, pp. 4433-4442, 2008 (IF 7.836)