

CURRICULUM VITAE
Vladislav Kamensky , Ph.D.

PERSONAL DATA

Last Name: Kamensky
First Name: Vladislav
Middle Name: Antonievich
Date of Birth: 12 April 1961

Citizenship: Russian Federation
Place of birth: Nizhny Novgorod

CONTACT INFORMATION

Institute of Applied Physics of the Russian Academy of Sciences (IAP RAS)
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PROFESSIONAL ACTIVITY

1986-2000: Researcher at the IAP RAS
2000 - present: Senior researcher at the IAP RAS

EDUCATIONAL ACTIVITY

2007 - present: a course of lectures for graduates of the Biological Faculty at the Nizhny Novgorod State University

EDUCATIONAL BACKGROUND

1999 – PhD, Physics
1978–1983: Student at the Nizhny Novgorod State University

HONORS AND AWARDS

2009 – Gold medal of the American-Russian Business Union (ARBU) for the innovation "Diffusion Optical Tomography"
2008 – Gold medal at the Belgian and International Trade Fair for Technological Innovations for the innovation "Polarization optical spectrometer"

SOCIETY MEMBERSHIPS

1990- 2000 : American Society for Laser Medicine and Surgery.

ACTIVITIES

Reviewer in: *Journal of Biomedical Optics*, *Journal of Laser Surgery and Medicine*. (2000-2005), *Applied Optics* (2011).

SCIENTIFIC INTERESTS

Development of optical devices for biomedical diagnostics,
Investigations of light interactions with matter.

PUBLICATIONS

83 peer-reviewed journal publications, 5 book chapters

Selected publications

V.Kamensky, V.Skripatshev, G.Snopatin, S.Pushkin, M.Tshurbanov, "High-power As-S glass fiber delivery instrument for pulse YAG:Er laser Radiation," *Appl. Optics.*, vol.37, No.24, pp.5596-5599, 1998.

V.Kamensky, F.Feldchtein, V.Gelikonov, L.Snopova, S.Muraviov, A.Malyshev, N.Bituyurin and A.Sergeev, "In situ monitoring of laser modification process in cataracted eye lens and in cornea using coherence tomography," *Journal of Biomedical optics*, vol. 4, No.1, pp. 137-143, 1999.

Shakhov A.V., Terentjeva A.B., Kamensky V.A., et al. Optical Coherence Tomography Monitoring for Laser Surgery of Laryngeal Carcinoma // *Journal of Surgical Oncology*, 2001 - vol. 77, pp. 253-259

R. V. Kuranov, V. V. Sapozhnikova, I. V. Turchin, E. V. Zagainova, V. M. Gelikonov, V. A. Kamensky, L. B. Snopova, and N. N. Prodanetz, "Complementary use of cross-polarization and standard OCT for differential diagnosis of pathological tissues", *Optics Express*, Vol. 10, No. 15, PP. 707-713, 2002.

V. V. Sapozhnikova, V. A. Kamensky, R. V. Kuranov, I. Kutis, L. B. Snopova, A. V. Myakov. In vivo visualization of Tradescantia leaf tissue and monitoring the physiological and morphological states under different water supply conditions using optical coherence tomography // *Planta*. 2004 - vol. 219- p. 601–609

N. Ignatieva, O. Zakharkina, E. Sobol, V. Kamensky and V. Lunin Effects of lasers irradiation on collagen organization in chemically induced degenerative annulus fibrosus of lumbar intervertebral disc. // *Lasers in Surgery and Medicine*, 2008 vol. 40- p. 422-432

M.Yu. Kirillin, P.D.Agrba, V.A. Kamensky In vivo study of the effect of mechanical compression on formation of OCT images of human skin// *J Biophotonics*, 2010 - vol 10, pp 1-7.