Contact Information:
Liliya Vitanova
Phone: (+359 2) 9172 544
Email: lilyvita@abv.bg

Date and place of Birth: 16th of March 1948, Sofia

Education and Employment:

- MD, Medical Academy, Sofia, 1966-1972.
- Assistant-Professor at the Department of Physiology, Medical Academy, Sofia, 1973
- Postgraduate Education in Physiology, Department of Physiology, Medical Academy, Sofia. License in Physiology, 1978
- PhD, Russian Academy of Sciences, St. Petersburg, 1982.
- Associate Professor at the Department of Physiology, Medical University of Sofia, 1993
- DSc, Medical University, Sofia, 2006.
- Professor at the Department of Physiology, Medical University of Sofia, 2007.

Training:

- Visual Lab, Institute of Physiology, Russian Academy of Sciences, St. Petersburg, 1978 – 1982.
- Biophysics of Receptors Lab, State University of St. Petersburg, 1988.
- Neurobiology Lab, Imperial College, London, 1993.
- Neuroanatomy Lab, Max-Planck-Institute of Brain Research, Frankfurt / Main, 2000, 2003.

Teaching activity:
Lecturer to students in Medicine (Bulgarian and English), Dentistry, Pharmacy and Ergotherapy
Lecturer to students in free-choice course in Applied Neurophysiology
Supervisor of PhD student (graduated 2006)
One of the tutors to a group of students carrying out scientific research in the field of visual physiology (Neurophysiology Laboratory)

Research Interests:
Nneurosciences, mainly in the range of visual physiology: synaptic transmission, retinal neurotransmitters and membrane receptors, interactions between on- and off-channels, light adaptation.

Participation in several projects funded by the Scientific Council of Medical University, as well the National Board for Scientific Research. Leading scientist of several projects

Affiliation
Member of the Bulgarian Physiological Society
Member of the Bulgarian Neuroscience Society
Member of the Society of Ophthalmic Research
Member of the Society of EEG and Clinical Neurophysiology

Publications:
Co-author in 3 textbooks in physiology

Some relevant scientific publications:

1. **Vitanova L.** (2006) – Non-NMDA receptors in frog retina: An immunocytochemical study. ***Acta histochemica, 2007,*** 109(2): 154 -163

2. **Vitanova L.** (2006) – AMPA and Kainate Receptors in Turtle Retina: An Immunocytochemical Study. ***Cellular and Molecular Neurobiology, 2007***, 27(4): 407 - 421
3. **Vitanova L.** (2006). Immunocytochemical study of glycine receptors in the retina of the frog *Xenopus laevis*. ***Anatomy and Embryology, 2006***, 211 (3), pp. 237 -245.
4. **Vitanova L.,** Haverkamp S, Wässle H (2004) - Immunocytochemical localization of glycine and glycine receptors in the retina of the frog *Rana ridibunda*. ***Cell Tissue Res, 2004***, 317: 227-235.
5. **Vitanova L.,** Kupenova P., Haverkamp S., Popova E., Wassle H.(2001) - Immunocytochemical and electrophysiological characterization of GABA receptors in the frog and turtle retina. ***Vision Research, 2001***, vol.41, pp.691-704.
6. Kupenova, P., **Vitanova, L**., Popova, E. & Mitova, L. (1997) - Influence of picrotoxin and strychnine on the spectral sensitivity of the turtle ERG b- and d-wave: I. Dark adaptation. ***Acta Physiologica Scandinavica, 1997***, 159, 217-225.
7. **Vitanova, L.,** Kupenova, P., Popova, E., & Mitova, L. (1997) - Influence of picrotoxin and strychnine on the spectral sensitivity of the turtle ERG b- and d-wave: II. Light adaptation. ***Acta Physiologica Scandinavica, 1997***, 159, 227-235.
8. Popova E., Kupenova P., **Vitanova L.,** Mitova L. - Effect of 2-Amino-4-Phosphonobutyrate on ERG OFF-Response After Glycinergic and GABAergic Blockade. ***Vision Research, 1995***, vol.35 No 14, pp. 1945-1949.
9. J. Downing, **L. Vitanova**, P.Villa - The application of *in vitro* isolation, cryopreservation and patch-clamp microelectrode recording methods to adult rat thymic nurse cells. ***J. Immunol. Methods, 1995***, 187, 103 – 110.
10. **Vitanova L.,** Kupenova P., Popova E., Mitova L., Belcheva S. (1993a) - Comparative investigation of retinal responses to brief light stimuli: 2-amino-4-phosphonobutyrate studies. I. Frog retina, *Rana ridibunda*. ***Comp. Biochem. and Physiol.,1993,*** 104C, No 2, 289-297.
11. **Vitanova L.,** Popova E., Kupenova P., Mitova L., Belcheva S. (1993 b) - Comparative investigation of retinal responses to brief light stimuli: 2-amino-4-phosphonobutyrate studies. II. Turtle retina, *Emys orbicularis* . ***Comp. Biochem. and Physiol.***, ***1993,*** 104C, No 2, 299-305.
12. **L. Vitanova**, V. Glezer, V. Gauselman - On the mechanisms underlying appearance of responses to movement, directional and velocity sensitivity. ***Biological Cybernetics, 1985***, vol. 52, pp. 237-246.

Aggregate impact factor **30, 468**, personal impact factor **11. 290.**