

Vitalii Zablotskii, invited and plenary talks:

1. *Dendritic domain structures in ultrathin cobalt films*. Laboratoire de Physique des Solides, CNRS. University Paris-Sud 11, March, 8, 2007. Paris, France.
2. *Destruction on the nanoscale: magneto-mechanical and thermal killing of tumor cells with nanomagnets*. University of Zaragoza, September, 28, 2010. Zaragoza, Spain.
3. *Control of living cell machinery with micro- and nano- magnets*. The 2nd International Conference Nanomaterials: Applications and Properties-2012. 16-23, September, 2012. Alushta, Ukraine.
4. *Control of living cell machinery by high gradient magnetic fields*. Seminar of the department of Magnetism of the Institute of Physics Polish Academy of Science (IF PAN) 26, March, 2014. Warsaw, Poland.
5. *Magnetic control of living cell machinery*. International Magnetism Conference INTERMAG 2015, May, 11-16, 2015. Beijing, China.
6. *Different scenarios of plasma-triggered bacterial death: mechanical, electrical, chemical and biological*. EMN – Energy Materials Nanotechnologies. September, 1-4, 2015. San Sebastian, Spain.
7. *Living cells response to laser light and low-temperature plasma*. International Conference Laser Optics, 27.06 - 01.07, 2016. St Petersburg, Russia.
8. *Living Cell Fate in a High-Gradient Magnetic Field*. University of Bialystok. December, 13, 2016. Bialystok, Poland.
9. *Cell Electrophysiology and Mechanics in High-Gradient Magnetic Fields*. International Magnetism Conference INTERMAG 2017, April, 24-28, 2017. Dublin, Ireland.
10. *How cells respond to high-gradient magnetic fields*. The European Conference Physics of Magnetism, 2017, June, 26-30. Poznan, Poland.
11. *Cell Fate in a High-Gradient Magnetic Field*. Seminar of the Nuclear Physics Institute of the Czech Academy of Sciences, 26, April, 2018. Prague, Czech Republic.
12. *Towards Magnetic Cellular Surgery*. (Plenary talk). The 1st International Congress of Magnetic Surgery (ICMS-2018) June 1-3, 2018. Xi'an, China.
13. *Life in the Magnetic World: Focus on Magnetic Surgery*. (Plenary talk). The 2nd International Congress of Magnetic Surgery (ICMS-2019) April, 12-4, 2019. Xi'an, China.
14. *Biological Effects of High-Gradient Magnetic Fields*. The International Conference on Magneto-Science 2019, October 11-14, 2019. Hefei, China.
15. *On mechanisms of biological effects of magnetic fields: from cell to organism*. (Plenary talk). The 3rd International Conference of Magnetic Surgery and Health (ICMS-2020) June 12-13, 2020. Xi'an, China.
16. *How Static Magnetic Fields Influence Different Processes of Intricate Cell Machinery*. (Plenary talk). The 4th International Conference of Magnetic Surgery and Health (ICMS-2021) June 3-4, 2021. Xi'an, China.
17. *Mathematical modeling of the influence of a magnetic field on physiological processes in living cells*. Plenary talk. 4th International Academic Conference "Autumn Mathematical Readings in Adygea", 15, October, 2021, Maykop, Adygeya, Russia.
18. *Biology and Magnetism: mutual attraction*. Maykop State University, 19, May, 2022, Adygeya, Russia.
19. *Effects of Magnetic Fields on Living Beings*. Int. Conf. on New Horizons in Materials Science and Nanotechnology. Plenary talk. 24, June 2022, Sillod, India.

20. *Effects of Magnetic Fields on Living Beings*. Seminar talk at the Department of game management and wildlife biology of the Czech University of Life Sciences. 11, October 2022, Prague, Czech Republic.
21. *Anti-inflammatory Effects of Magnetic Fields*. 1st Workshop on Physical Biomedicine, 15, November, 2022, online: <https://wwwold.iac.cnr.it/~nardini/events.html>
22. *Magnetobiology and Magnetomedicine: Effects of High Magnetic Fields on Living Organisms*. University of Bialystok, Bialystok, Poland, 22, November, 2022.
23. *Toward Magnetogenetics: Effects of Magnetic Fields on Living Cells*. Plenary talk. The European Conference PHYSICS OF MAGNETISM 2023 (PM'23) , 26-30, June, 2023, Poznan, Poland.
24. *Magnetobiology and Magnetomedicine: Effects of Moderate and High Magnetic Fields on Living Organisms*. The Joint European Magnetic Symposia, JEMS 2023. 27th August - 1st September 2023, Madrid, Spain. <https://www.youtube.com/watch?v=Xqlj48STSkQ>
25. *Magnetogenetics, from present to future*. International Conference on Condensed Matter Physics & Applied Physics (ICC 2023) , October 9-10, 2023, Bikaner, India.
26. *Magnetogenetics, from present to future*. Magnetobiology Symposium 2023. October 30, 2023, Hefei, China.
27. *Magnetogenetics, from present to future*. Heye Health Technology. October 27, 2023, Anji, Zhejiang Province, China.

