

## 9th International THz-Bio Workshop



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# THz spectroscopy of dry pellets of rat blood plasma

This work is devoted to the development of a suitable phantom of a biological object for measurements in the THz frequency range and for approbation with various diagnostic methods developed in different THz laboratories. Phantoms were presented as the pellets of blood plasma in the diabetic and control groups, and albumin with different glucose concentrations. These objects were analyzed in various laboratories, using THz pulsed spectroscopy. The differentiation between the terahertz spectral data were conducted using multivariate statistics.

## type of presentation

oral

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