

Nuclear and related analytical techniques for life sciences

Marina V. FRONTASYEVA

*Department of Neutron Activation Analysis, Frank Laboratory of Neutron Physics,
Joint Institute for Nuclear Research, 141980 Dubna, Moscow Region, Russia*

Abstract Place and role of nuclear analytical techniques (NATs) in life sciences is discussed. Examples of radioanalytical investigations at the IBR-2 pulsed fast reactor in Dubna illustrate the environmental, biomedical, geochemical and industrial applications of instrumental neutron activation analysis.

Keywords: analytics, nuclear and related analytical techniques, radioactivity, neutron activation analysis
