Biography

**Marina Vladimirovna Frontasyeva**, Associate Professor, PhD in Physics and Mathematical Sciences, Professor of RAE of RF, is a graduate of the Department of Theoretical and Experimental Nuclear Physics, Physical faculty, Saratov State University. Since 1977 she has been working in the Frank Laboratory of Neutron Physics in the field of instrumental neutron activation analysis (INAA) at radioanalytical complex REGATA at the reactor IBR-2 designed for studies in the Life Sciences and Material Science. In 1997 she was elected to the International Committee on Activation Analysis (ICAA) (<http://www.icaa-mtaa.org/Lists/Membership/ICAACurrentListAlphabet.aspx>). Since 1997 till 2019 she was the Head of the Department of NAA and Applied Research at FLNP JINR combining her activities with lecturing on nuclear methods for studying the environment at the Department of Chemistry of the International University of Nature, Society and Man of Dubna (<https://www.4icu.org/reviews/3976.htm>). In 2019 she has become Director Advisor on Applied Research an Innovations. She is leader of numerous international projects co-ordinated by the International Atomic Energy Agency (IAEA, Vienna) and by the European Union Frame programmes. Since 2014 she is a Coordinator of the UNECE ICP Vegetation (moss surveys) (<https://icpvegetation.ceh.ac.uk/our-science/heavy-metals>). M.V. Frontasyeva is known for her research in extraterrestrial materials, medicinal plants, environmental samples (soil, vegetation including algae), medicinal aspects of occupational health and multi-element analysis of different organs of animals (mussels, mice, ground squirrels) and humans (bones, muscles, liver, brain, serum blood, etc), in biotechnology of nanoparticles using algae. M.V. Frontasyeva is the author and co-author of more than 550 scientific publications in refereed journals, 25 books and two patents of the Russian Federation (<https://www.researchgate.net/profile/Marina_Frontasyeva/research>).

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