

## **Evaristo Cisbani**

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Evaristo Cisbani obtained his Ph.D. in Physics in 1998 and went on to receive a research grant to study proton therapy as well as algorithm development for automated image analysis in earth remote sensing in 2004. He then became a senior scientist at the Italian National Institute of Health (ISS). Since then, he has been strongly involved in the development of imaging devices for early tumour diagnosis by radionuclides and the study of human diseases in small animals. In 2008 he co-invented a patented novel device for molecular breast imaging. In 2011 Dr. Cisbani began to work on the detection and

imaging of beta-emitting radiopharmaceuticals, a promising approach for internal radiation theranostics and greater personalized medicine. He is currently leading the development of the dose delivery system, as well as other devices, for the first proton linear accelerator dedicated to cancer therapy. In synergy with applied research, he is also involved in physics experiments devoted to the understating of nucleons, the building blocks of observed matter. He is a member of the Italian National Commission of Nuclear Physics and of the committee on Radiation Protection and Public Health of the OECD/NEA. He has also co-authored more than 150 publications in peer-reviewed journals.