

# **MOLECULAR PATHWAYS IN THE RESPONSE OF TUMOURS TO PHOTODYNAMIC THERAPY**

**HELD IN UDINE, ITALY, SEPTEMBER 9–10, 2011**

The International Workshop on “Molecular Pathways in the Response of Tumours to Photodynamic Therapy” was held at Udine, Italy, September 9–10, 2011. It was co-organized by Doctor Valentina Rapozzi, Doctor Susanna Cogoi, and Professor Luigi Xodo from the University of Udine, and Professor Giulio Jori from the University of Padova. This workshop focused on key aspects of photodynamic therapy (PDT), in particular, on the molecular pathways involved in the response of tumor cells to treatments with the aim of developing strategies to potentiate the efficacy of PDT. The workshop was attended by experts from different countries. The topics presented included the cellular uptake of photosensitizers embedded in nanoparticles or immunoconjugates, new targets in the tumor microenvironment to enhance the efficacy of PDT, and molecular pathways activated by the photoprocess and PDT to prevent and treat infectious diseases. There was also a special session dedicated to the clinical applications of PDT in dermatology, ophthalmology, and oncology

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