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Emergencies in biobanks: Disaster recovery plan feasibility and recommendations

Emergencies can occur in biobanking life every time with relevant impact on business continuity. While disaster recovery plans are crucial for biobanking sustainability, they are not usually considered or properly written for large as well as for medium and small biobanks. This presentation aims to give an overview on disaster recovery plans for biorepositories by focusing on: Regulatory requirements, technical procedures and organizational aspects. Case studies on happened disasters will be summarized by taking a picture of biobanking emergencies worldwide. Basic instruction about how to write a plan for disaster prevention, mitigation and recovery; and how to put in place will be provided.

Biography

Elena Salvaterra is a Jurist Doctor (JD) and holds a PhD in Law of Science (Bioethics). After a few years spent at academia (University of Milan), she collaborated with the Biological Resource Center of the Polyclinic University Hospital in Milan as Social Scientist. She has co-founded with Dr. Paolo Rebutta, Hematologist, the Laboratory of Bio-Law, dedicated to the study of ethical, regulatory, economic and social aspects associated with therapeutic and research human biobanks. She is presently a Consultant for Biobanks at Air Liquide Healthcare in Milan (Italy) and is a member of the Scientific Advisory Board of CloudLIMS. Her research areas cover Biobanks ELSI, economics, neuroethics and neurolaw, robot-ethics, ethical and regulatory issues of medical assisted procreation and ethics of euthanasia. She has recently edited the book, *"Regulating Biobanks in Humans: The Use of Adult and Children Biomaterials for Clinical and Research Purposes"*.

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