

COMPANY PROFILE FORM	
Name	BioAnalytica-GenoType S.A.
Short profile	<p>BioAnalytica-GenoType S.A. is a Greek biotechnology spin off company providing accredited (ISO 15189:2007) state of the art research and diagnostic genetic services in the biomedical community. A wide range of experimental protocols is used encompassing the full spectrum of genetic diagnostics:</p> <ul style="list-style-type: none"> •High Resolution Karyotyping •Classical Chromosome Banding techniques, Multi-color FISH (M-FISH) and High Resolution-Comparative Genome Hybridization (HR-CGH) for overall genomic characterisation •FISH in dividing and/or non-dividing cells with a variety of centromeric, telomeric, locus or gene specific DNA probes for the detection of different chromosomal aberrations •PCR, RT-PCR, Real Time PCR, Sequencing, Fragment Analysis for gene Deletion/Insertions, Copy Number changes and Translocations •Sequencing, RFLP, Taqman Real Time PCR, MLPA, ARMS PCR for the detection of Point Mutations/Polymorphisms •Real time RT- PCR for the expression analysis of mRNA and miRNA. <p>The Laboratory's personnel consist of academicians, researchers and post-doctoral geneticists who can apply or readily adopt novel methodological procedures.</p> <p>The laboratory processes hundreds of samples (Bone Marrow, Peripheral Blood, and Biopsies) in the diagnostic entities of Leukemias, MyeloDysplastic Syndrome, Multiple Myeloma and colorectal carcinomas, classified by expert clinicians and genetically analyzed, with all relevant information (biochemical parameters, survival data, and genomic composition) available. Aliquots of cells, RNA and DNA have been properly banked and are available for the validation of new testing protocols or reagents e.g. FISH hybridization probes, miRNA detection/quantification strategies and reagents, SNP detection.</p>
Research and Development Activity:	<ol style="list-style-type: none"> 1. Development and validation of single/panel of diagnostic, prognostic and predictive Biomarkers 2. Identification and evaluation of target molecules 3. Development of new genetic tests based on DNA and RNA alterations in leukaemia's and solid tumours. 4. Clinical trials involvement- monitoring genetic and cytogenetic response in patients with haematological malignancies. 5. Genetic characterization of disorders related to male infertility.
Partner search with activity in the following research areas:	<ol style="list-style-type: none"> 1. Biotech companies interested in and capable of manufacturing sets of multiple, directly labelled fluorescence in situ hybridization DNA probes 2. Pharmaceutical companies performing clinical trials and pharmaceutical research in Oncology and Hematology 3. Pharmaceutical companies - Providers of innovative diagnostic reagents that need to be validated in well characterised neoplastic biological samples, before market release 4. Academic groups performing high quality innovative research projects searching for cytogenetic or molecular genetic services complementation on well characterised clinical samples of different diagnostic entities.

CONTACT	
Name of Contact person:	Dimitris Christou
e-mail:	dchristou@genotypos.gr , praxi@help-forward.gr
Name of Contact person:	Antigoni Kouskouti
e-mail:	akouskouti@genotypos.gr , praxi@help-forward.gr
Web Site:	www.genotypos.gr

