

SEED PROJECTS INITIATED BY N2L PARTNERS

Acronym	Key words	Instrument	Coordinator	N2L partners involved
Adonis	diagnosis of prostate cancer using opto-acoustic detection with a new integrated biosensor system	STREP	IBMT	TP21
BeNatural	bioengineered nanomaterials for research and applications	STREP	Univ Creta	TAU
BioTex	bio-sensing textiles to support health management	STREP	CSEM	CEA
CareMan	health care by biosensor measurements and networking	IP	CNRS	CNRS, JRC
Cell@nano	development of nano-structured surfaces for selective isolation of cells	National	Qiagen	Qiagen
CELLnanotox	cellular interaction and toxicology with engineered nanoparticles	STREP	TAU	INSERM, JRC, University Mainz, University Münster, TP21
Confucius	coupling intelligent microfluidic logistics with cell biosensing units for high content toxicity screening of chemicals	STREP	FhG IBMT	CEA
Elena	designing Europe leading nanobiotechnology	CSA	CEA	Tyndall, Mesa+, PCB, bioanalytik-muenster
EXCELL	overcome the fragmentation of the European research in the field of studies of surface properties of nano-composites and in thin multifunctional films	NoE - FP6	Cockerill Sambre Arcelor	Chemical Research Centre
Innobiocapture	targeting cancer marker molecules at low level concentration with minimal invasive methods using lab-on-a-chip techniques	National	INSERM	CEA, CNRS
Loccardia	lab-on-chip based protein profiling for cancer diagnosis	STREP	CEA-LETI	CEA, Uni Muenster, FORTH
Meditrans	targeted delivery of nanomedicine with focus on chronic inflammatory disorders and cancer to improve therapy and in vivo visualisation of drug delivery/release processes	IP	University Utrecht	CEA
Micro2DNA	integrated polymer-base microfluidic micro system for DNA extraction, amplification, and silicon-based detection	STREP	Intracom S.A., Hellenic Tele-communicatin and Electronics Industry	Forth, CEA, Tyndall, SensL
NanobioPharmaceutics	nanoscale functionalities for targeted drug delivery of biopharmaceutics	IP	Dechema	TAU, University Mainz
Nanocare	development of an in vitro test for the analysis of the toxicity of nanoparticles	National	FZ Karlsruhe	WWU Münster
PhOREMOST	nanophotonics and molecular photonics: addressing the needs of photonic functional components and nanophotonic devices	NoE	Tyndall	FORTH, Tyndall, CNRS
PROETEX	protection e-textiles: micro-nano-structured fibre systems for emergency-disaster wear	IP	Consiglio Nazionale Delle Ricerche	CEA
Receptronics	label-free biomolecular detectors: at the convergence of bioengineered receptors and microelectronics	STREP	University Bologna	CEA
Renachip	rehabilitation of a cerebellar function by a biomimetic silicon chip	Small to medium sized research project	INEX	INEX, TAU, University Lund
SEMOFS	development of an integrated „Plasmon enhanced SPR“-sensor	STREP	TU Chemnitz	CEA
SmartHand	The intelligent bio-adaptive hand prosthesis	STREP	Lund University	TAU, Tyndall, University College Cork, University Lund
SmartHealth	smart integrated biodiagnostic systems for health-care	IP	Uni Newcastle	INSERM
Snip2Chip	development of a complete integrated SNP analysis system	STREP	Tyndall	CEA
Toxdrop	highly parallel cell culture in nanodrops, a new format for high content cell based toxicity screening on Cell on Chips	STREP	CEA	JRC, EPFL, Tascon, UCB Lyon, CEA, Biopredic
Toxichip	development of a toxin screening multi-parameter on-line biochip system	STREP	Tyndall	TAU-HUJ, JRC