

Rank	Code	Title	Area	Institution	MINISTRY FINAL BUDGET	Total fund	Ministry Request fund	Confinancing fund	Eval Average
1	RF-FSR-2008-1208880	Prevention and cure of proliferative diabetic retinopathy through the modulation of the retinal homing of endothelial progenitor cells (EPCs)	1	SAN RAFFAELE MONTE TABOR	€ 155.584,00	442.000	221.000	221.000	95
2	RF-IEO-2008-1221495	Identification of epigenetic markers of environmental cancer-risk in stem cells of pre-tumoral tissues.	2	I.E.O.	€ 281.036,80	972.400	399.200	399.200	94,7
3	RF-IEO-2008-1232418	Identification of Myc-regulated genes that drive self-renewal in Embryonic and Cancer Stem Cells	2	I.E.O.	€ 205.286,40	637.200	291.600	291.600	94
4	RF-FSR-2008-1241478	TARGETING GENE THERAPY: Towards Safe and Effective Hematopoietic Stem Cell Gene Therapy by Exploiting Endogenous microRNAs to Regulate Transgene Expression and Targeting Integration to Genomic Safe Harbors	1	SAN RAFFAELE MONTE TABOR	€ 211.200,00	600.000	300.000	300.000	93
5	RF-FSR-2008-1202373	Human induced pluripotent stem (hiPS) cells as a source of insulin producing cells	1	SAN RAFFAELE MONTE TABOR	€ 211.200,00	600.000	300.000	300.000	90,7
6	RF-INN-2008-1220368	Differentiation therapy in human glioblastoma cancer stem cells: a study conducive to phase I clinical trial with bone morphogenetic proteins	1	CARLO BESTA	€ 293.038,59	854.225	416.248	400.000	90,3
7	RF-EMR-2008-1216793	A clinical and histological evaluation of a stem cell-based sinus-augmentation procedure.	1	Emilia-Romagna	€ 72.230,40	245.200	102.600	102.600	89,7
8	RF-CRO-2008-1200218	MOLECULAR DETERMINANTS OF STEMNESS AND MESENCHYMAL PHENOTYPE IN BREAST CANCER	2	AVIANO	€ 208.384,00	1.042.000	296.000	302.000	89,3
9	RF-MUL-2008-1248034	The role of miRNAs in hematopoietic stem and progenitor cells: from basic research to clinical applications.	2	MULTIMEDICA	€ 274.560,00	896.240	390.000	390.000	89,3
10	RF-PIE-2008-1206999	Transplant of allogeneic hematopoietic stem cells after total lymphoid irradiation to modulate post-grafting immune response and separate graft-versus-host disease from graft-versus-tumor.	1	Piemonte	€ 97.504,00	317.000	138.500	125.000	88,3

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11	RF-LIG-2008-1221276	The trafficking of hematopoietic stem cells and their bone marrow homing as the prerequisites to improve the outcome of transplant.	1	Liguria	€ 281.600,00	833.000	400.000	433.000	88,3
12	RF-EMR-2008-1207087	EXPLORING INNOVATIVE STRATEGIES TO ENHANCE BONE REGENERATION BASED ON NOVEL MESENCHYMAL STROMAL/STEM CELLS	1	Emilia-Romagna	€ 140.800,00	898.400	200.000	200.000	87,7
13	RF-INN-2008-1202311	Epigenetics of glioblastoma multiforme: pathogenetic role of the genes controlling H3K27 methylation	2	CARLO BESTA	€ 275.968,00	892.000	392.000	392.000	87,3
14	RF-ISS-2008-1237436	Targeting survival and metastasis pathways in cancer stem cells: a molecular and translational approach	2	Istituto Superiore di Sanita'	€ 281.600,00	1.179.840	400.000	400.000	87,3
15	RF-MAU-2008-1248161	CANCER STEM CELLS: MOLECULAR TARGETS AND THERAPEUTIC IMPLICATIONS	2	MAUGERI	€ 281.600,00	897.000	400.000	340.000	87
16	RF-UMB-2008-1198396	Biological and molecular characterization of the leukemic stem cell in acute myeloid leukemia with nucleophosmin (NPM1) gene mutation: implications for 'targeted' therapy	1	Umbria	€ 211.200,00	1.045.150	300.000	300.000	86,7
17	RF-EMR-2008-1200453	Affording high-throughput of vascular repair in vivo with bone marrow- and adipose-derived stem cells preconditioned with naturally occurring and synthetic molecules	2	Emilia-Romagna	€ 139.040,00	845.810	197.500	400.000	86,7
18	RF-CCM-2008-1248388	Implementing brain repair in stroke via the exploitation of adult neurogenesis and gliogenesis: focus on the cross-talk between microglial and endogenous neural precursor cells	2	MONZINO	€ 151.360,00	547.400	215.000	215.000	86,7
19	RF-ICH-2008-1203631	Understanding the biological bases of in vivo MSC-mediated immunosuppression to improve their therapeutic potential	1	HUMANITAS	€ 239.360,00	680.000	340.000	340.000	86,3
20	RF-IGG-2008-1200685	The primary and metastatic cancer stem cell microenvironment in neuroectodermal tumors: studies in human neuroblastoma and melanoma	2	GASLINI	€ 211.200,00	601.800	300.000	300.000	86

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21	RF-FSR-2008-1202648	Unravelling genomic and transcriptional immunoeediting of acute leukemia and leukemic stem cells in response to adoptive cellular immunotherapy	2	SAN RAFFAELE MONTE TABOR	€ 140.800,00	460.000	200.000	200.000	85,7
22	RF-INN-2008-1220046	New Animal Model, Nanotechnologies and Neuroimaging to Study Interactions and Homing of Human Neural Stem Cells in Stroke	1	CARLO BESTA	€ 239.360,00	835.600	340.000	340.000	85,7
23	RF-OMM-2008-1297203	IMMUNE RECONSTITUTION AND IMMUNOMODULATORY EFFECTS OF AUTOLOGOUS HAEMATOPOIETIC STEM CELLS TRANSPLANTATION IN REFRACTORY CROHN'S DISEASE	1	MAGGIORE	€ 66.880,00	200.000	95.000	95.000	85,7
24	RF-IEO-2008-1228056	Role of Prep1 in breast stem cells function and breast cancer.	2	I.E.O.	€ 269.491,20	927.600	382.800	382.800	85,3
25	RF-TOS-2008-1211098	SET-UP AND COMPARISON OF NOVEL STRATEGIES OF REGENERATIVE MEDICINE FOR CELL THERAPY OF ACUTE AND CHRONIC RENAL FAILURE	1	Toscana	€ 176.000,00	643.000	250.000	250.000	84,3
26	RF-IDI-2008-1224652	In vitro reconstituted fully functional skin equivalents based on epidermal and mesenchymal stem cells for autotransplantation to patients with deep non-healing skin defects: from the bench to bedside.	1	ISTITUTO DERMOPATICO IMMACOLATO	€ 137.768,93	421.232,5	195.694,5	100.980	84,3
27	RF-TOS-2008-1226020	TARGETING MAP KINASES TO ERADICATE THE MAMMARY CANCER STEM CELL RESERVOIR	2	Toscana	€ 211.200,00	700.000	300.000	300.000	84,3
28	RF-VEN-2008-1200634	REPROGRAMMING OF AMINOTIC FLUID STEM CELLS FOR MYOCARDIAL REGENERATION	1	Veneto	€ 260.480,00	950.000	370.000	370.000	84
29	RF-ISS-2008-1227536	Targeting microRNAs in normal and cancer neural stem cells to develop novel therapeutic strategies for glioblastoma and central nervous system injuries	2	Istituto Superiore di Sanita'	€ 274.267,68	1.029.000	390.000	390.000	84
30	RF-ASR-2008-1201196	Strategies to enhance the mobilization of adult mesenchymal stem cells and/or endothelial progenitor cells in coronary artery disease and heart failure patients	1	Emilia-Romagna		926.000	370.000	370.000	83,3

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Rank	Code	Title	Area	Institution	MINISTRY FINAL BUDGET	Total fund	Ministry Request fund	Confinancing fund	Eval Average
31	RF-FSR-2008-1211927	Somatic neural Stem cell therapy in humans with Multiple Sclerosis (STEMS)	1	SAN RAFFAELE MONTE TABOR		800.000	400.000	400.000	83,3
32	RF-LAZ-2008-1225304	Isolation and characterization of human and mouse female germline stem cells	1	Lazio		800.000	400.000	439.200	83,3
33	RF-FSR-2008-1206607	Hematopoietic stem cell gene therapy with LV: phase I/II clinical trials in Wiskott-Aldrich Syndrome and Metachromatic Leukodystrophy	1	SAN RAFFAELE MONTE TABOR		800.000	400.000	400.000	83
34	RF-ICH-2008-1284532	Inflammation and cancer stem cells	1	HUMANITAS		600.000	300.000	300.000	83
35	RF-FSL-2008-1206972	Pharmacological manipulation of gene expression in endogenous muscle stem cells by epigenetic drugs: molecular rationale and therapeutic application to regenerate diseased muscles	1	SANTA LUCIA		600.000	300.000	300.000	82,3
36	RF-CRO-2008-1214149	Identification and characterization of "tumor" stem cells in chronic lymphocytic leukemia	1	AVIANO		865.000	380.000	380.000	82,3
37	RF-PIE-2008-1220379	Osteosarcoma cancer stem cells: identification, characterization, and therapeutic targeting	1	Piemonte		903.000	400.000	400.000	82,3
38	RF-CAL-2008-1261292	Harnessing the biology of resident adult cardiac stem cells to establish myocardial regeneration protocols without the need of cell transplantation	1	Calabria	€ 185.548,10	395.000	197.500	52.000	82,3
39	RF-IRE-2008-1248738	SENSITIZING LUNG CANCER STEM CELLS TO CHEMOTHERAPY BY INHIBITION OF DNA REPAIR	2	REGINA ELENA		615.000	400.000	600.000	81,3
40	RF-IOR-2008-1225417	Development of novel methodology for the translation of adult stem cell therapy to the clinical regeneration of cartilage	1	RIZZOLI	€ 347.451,90	832.026	399.370	199.685	80,7
41	RF-ICH-2008-1205640	Improving pancreatic cancer treatment by targeting the chemoresistance and migratory ability of pancreatic cancer stem cells	2	HUMANITAS		654.000	327.000	327.000	80,3

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Rank	Code	Title	Area	Institution	MINISTRY FINAL BUDGET	Total fund	Ministry Request fund	Confinancing fund	Eval Average
42	RF-PSM-2008-1241067	KIDNEY TRANSPLANTATION COMBINED TO MESENCHYMAL STEM CELL INFUSION AS A BRAND NEW IMMUNOMODULATION CELL STRATEGY FOR THE CONTROL OF THE ACUTE CELLULAR REJECTION: A CONTROLLED STUDY IN A LARGE ANIMAL MODEL.	1	SAN MATTEO		295.900	135.900	136.100	80,3
43	RF-OMM-2008-1266071	CELL THERAPY OF MUSCULAR DYSTROPHY WITH ENGINEERED STEM CELLS	1	MAGGIORE		1.360.024	682.724	340.000	80
44	RF-FSL-2008-1213896	A study on the efficacy of stem cell muscle progenitors in the reversion of muscle wasting in animal models of familial amyotrophic lateral sclerosis	1	SANTA LUCIA		615.000	299.000	316.000	79,7
45	RF-ISS-2008-1222092	THERAPEUTIC POTENTIAL OF MULTIPOTENT MESENCHYMAL STEM CELLS (MSCs) IN CROHN'S DISEASE AS A PROTOTYPE FOR PRE-CANCEROUS CHRONIC INFLAMMATORY DISEASES WITH INCREASING INCIDENCE: Evaluation of MSCs regulatory role on immune cells in vivo and in human ex-vivo models.	1	Istituto Superiore di Sanita'		1.074.225	399.999	66.000	79,7
46	RF-CAM-2008-1221512	New approaches to prevent or rescue antineoplastic induced cardiomyopathy: from growth factors to cardiac progenitor cell therapy	1	Campania		315.000	110.000	110.000	79,3
47	RF-IGG-2008-1200720	MESENCHYMAL STEM CELLS: IMMUNOREGULATORY ACTIVITY AND SAFETY	1	GASLINI		600.196	300.000	300.000	79
48	RF-FSR-2008-1202053	Understanding the pathophysiology of endogenous stem cells to boost their efficacy as endogenous therapeutics for muscle diseases	1	SAN RAFFAELE MONTE TABOR		800.000	400.000	400.000	79
49	RF-PIE-2008-1244958	Molecular and functional characterization of neoplastic lymphoid stem cells	2	Piemonte		866.000	400.000	400.000	79
50	RF-IAI-2008-1220725	Characterization of the neurovascular niche for neurogenesis in ischemic cortical lesions of stroke-prone spontaneously hypertensive rats (SHRSP)	2	AUXOLOGICO		714.100	290.000	290.000	78,7

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51	RF-OIP-2008-1205685	Fanconi anemia (FA): developing of strategies to generate corrected induced pluripotent stem (IPS) cells using different homologous recombination (HR) approaches	1	BURLO GAROFALO		713.160	340.800	30.000	78,3
52	RF-FSR-2008-1213704	Immunological and regenerative properties of human cord blood mesenchymal stem cells to cure type 1 diabetes	1	SAN RAFFAELE MONTE TABOR	€ 348.000,00	800.000	400.000	400.000	78,3
53	RF-EMR-2008-1199262	ISOLATION, CHARACTERIZATION AND EXPANSION OF HUMAN STEM CELLS: BASIC RESEARCH AND CLINICAL APPLICATIONS IN CHRONIC LIVER FAILURE	1	Emilia-Romagna		586.000	200.000	256.000	78
54	RF-CNM-2008-1235734	Molecular and biochemical characterization of neural stem cells (NSC) isolated from a murine model of Spinal Muscular Atrophy (SMA): comparative analysis of their microRNome and evaluation of their differentiation potential towards motor neurons	1	NEUROLESI		351.000	171.000	180.000	78
55	RF-FSR-2008-1203600	Liposomal transfer of HMGB1/SDF-1 as a cue for in vivo attraction and activation of stem cells	1	SAN RAFFAELE MONTE TABOR		600.000	300.000	300.000	77,7
56	RF-IDI-2008-1255914	Characterization of human melanoma stem cells (HMSC): investigating markers and response to therapeutic treatments.	2	ISTITUTO DERMOPATICO IMMACOLATO		1.044.827,2	345.000	345.100	77,7
57	RF-EMR-2008-1199985	Use of nanotechnology and regenerative medicine for human urethral reconstitution in urethral stricture repair.	1	Emilia-Romagna		885.268,4	305.553	306.000	77,3
58	RF-PSM-2008-1215772	Human fetal mesenchymal stem cells for cardiac repair: discovery of paracrine mediators and identification of a strategy to induce cardiac regeneration	1	SAN MATTEO		883.842	360.000	360.000	77,3
59	RF-IEO-2008-1255950	Identification of markers and study of the mechanisms supporting the tumorigenic potential of glioblastoma cancer stem cells	2	I.E.O.		744.000	317.400	317.400	77,3

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60	RF-IST-2008-1206463	Identification, expansion and genetic and molecular characterization of human breast normal and cancer stem cells	2	I.S.T. GENOVA		919.963	400.000	400.000	76,7
61	RF-LIG-2008-1278497	Cotransplantation of autologous haematopoietic and mesenchymal stem cells for the treatment of multiple sclerosis	1	Liguria		827.000	403.000	424.000	76,7
62	RF-IDI-2008-1200046	microRNA bioengineering of human cardiac mesenchymal cells and heart regeneration	1	ISTITUTO DERMOPATICO IMMACOLATO	€ 348.000,00	987.400	400.000	400.000	76,3
63	RF-OMM-2008-1245557	Amniotic fluid derived stem cells cellular therapy for retinal degenerations: an experimental in vivo approach	1	MAGGIORE		200.000	400.000	200.000	76,3
64	RF-IST-2008-1199627	Role of stemness genes in glioblastoma tumor initiating cells	2	I.S.T. GENOVA		850.885	279.557	142.500	76
65	RF-INT-2008-1200398	Cancer Stem Cells in lung cancer: biologic relevance and implications for cancer treatment	1	ISTITUTO TUMORI MILANO		799.300	399.650	399.650	76
66	RF-INT-2008-1207990	HER2 as therapeutic target for cancer stem cells of solid tumors	2	ISTITUTO TUMORI MILANO		812.661	200.000	200.000	76
67	RF-IOR-2008-1224391	Human mesenchymal stem cells from different sources: identification of new molecular targets for bone regeneration	1	RIZZOLI		681.000	350.000	175.000	76
68	RF-MAR-2008-1239963	Mesenchymal stem cells and collagen scaffold for osteochondral defect repair: an in vivo and in vitro study	1	Marche		200.000	100.000	100.000	75,3
69	RF-FSR-2008-1210331	Understanding the invasive behavior of glioblastoma multiforme by exploiting human cancer stem cells (CSCs).	2	SAN RAFFAELE MONTE TABOR		460.000	230.000	230.000	74,7
70	RF-IAI-2008-1278461	CROSSTALK BETWEEN STEM CELL MOBILIZATION, MICROGLIA AND ENDOGENOUS NEUROGENESIS IN PARKINSON'S DISEASE (PD)	2	AUXOLOGICO		712.000	320.000	320.000	74,7
71	RF-OPG-2008-1217573	INDUCED PLURIPOTENT STEM CELLS FOR LIVER CELL THERAPY	2	OSPEDALE BAMBINO GESU'		857.500	400.000	400.000	73,7
72	RF-EMR-2008-1201047	Leukemia and Multiple Myeloma stem cell eradication by interference of self renewal pathways.	1	Emilia-Romagna		496.000	223.000	230.000	73
73	RF-SIC-2008-1225974	Cancer Stem Cells: Immuno-based therapeutic implications	1	Sicilia		954.000	400.000	400.000	73
74	RF-IST-2008-1199081	Sensitizing glioma stem cells with checkpoint inhibitors	2	I.S.T. GENOVA		257.950	122.450	56.200	72,3

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75	RF-PIE-2008-1217502	EVALUATION OF ALTERNATIVE SOURCES OF STEM CELLS AND THEIR BIOPRODUCTS FOR REGENERATIVE MEDICINE	1	Piemonte		523.000	205.000	200.000	72,3
76	RF-PSM-2008-1221502	Defining the staminality profile of tumor initiating cell in myeloproliferative neoplasms	2	SAN MATTEO		650.000	300.000	300.000	72,3
77	RF-ISR-2008-1223344	Treating myocardial infarction with tissue patches fabricated with human cardiac or adipose progenitor cells	1	SAN RAFFAELE PISANA		1.218.600	344.600	320.000	72,3
78	RF-ISS-2008-1229032	MODULATION OF THE ENDOGENOUS PROGENITOR STEM CELLS BY EPIGENETIC EARLY SOCIAL ENRICHMENT AND ADULT SOCIAL STRESS: A MURINE MODEL	1	Istituto Superiore di Sanita'		476.000	235.600	88.600	72
79	RF-CAL-2008-1231776	REPAIR OF BONE TISSUE DEFECTS WITH AUTOLOGOUS CELLULAR PRODUCTS MANUFACTURED WITH GMP COMPLIANT DEVICES: SAFETY AND EFFICACY	1	Calabria		400.000	200.000	200.000	72
80	RF-FCG-2008-1251990	In vivo evaluation of stem cell localization and regeneration capacity in experimental models of muscle and spinal cord injury	1	DON GNOCCHI		680.147	230.000	230.000	72
81	RF-FSR-2008-1199602	Multimodal imAging of stem cell traffickinG and interaction with the Inflammatory miCroenvironment(s) in vivo (MAGIC)	1	SAN RAFFAELE MONTE TABOR		800.000	400.000	400.000	71,7
82	RF-FVG-2008-1216352	Production of clinical grade tissue engineering products utilizing a prototype bioreactor	1	Friuli-Venezia Giulia		1.088.700	398.350	400.000	71,3
83	RF-ISR-2008-1244030	Modulation of neurogenesis induced by physical agents in healthy mice and in animal models of neurodegeneration, and studies of the underlying molecular mechanisms	2	SAN RAFFAELE PISANA		517.700	258.800	20.000	71
84	RF-LIG-2008-1224987	Stem cell therapy for repair of tracheal congenital malformations	1	Liguria		842.601	387.850	400.000	70,7
85	RF-CAM-2008-1211010	INDUCTION OF DIFFERENTIATION OF HUMAN MESENCHYMAL STEM CELLS INTO CORNEAL EPITHELIAL CELLS: EXPRESSION AND ACTIVATION OF CALCIUM-CALMODULIN DEPENDENT KINASES	2	Campania		529.193	157.000	157.000	70



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86	RF-FSR-2008-1202997	Characterization of endogenous neural stem cell compartments in animal models of lysosomal storage disorders: implications for the development of effective therapeutic strategies	1	SAN RAFFAELE MONTE TABOR		556.360	220.000	220.000	69,7
87	RF-TOS-2008-1211511	DEVELOPMENT OF INNOVATIVE ADIPOSE TISSUE MESENCHYMAL STEM CELL-BASED STRATEGIES FOR BONE TISSUE REGENERATION USING PHARMACOLOGICAL AGENTS	1	Toscana		498.000	200.150	200.150	69,7
88	RF-ISS-2008-1261477	ISOLATION AND CHARACTERIZATION OF CANCER STEM CELLS FROM GYNECOLOGIC TUMORS	2	Istituto Superiore di Sanita'		894.000	303.000	300.000	69,7
89	RF-TOS-2008-1224764	CANCER STEM CELLS ENDOWED WITH METASTATIC PHENOTYPE ARE GENERATED BY HOST FACTOR-INDUCED EPITHELIAL-MESENCHYMAL TRANSITION	2	Toscana		1.045.800	320.000	320.000	69
90	RF-FVG-2008-1210933	THE TUMOR STROMAL MULTIPOTENT PRECURSOR CELLS FROM SEROUS OVARIAN CARCINOMAS: THEIR ROLE IN THE MAINTENANCE OF THE CANCER STEM CELLS	2	Friuli-Venezia Giulia		741.800	300.000	300.000	68,7
91	RF-IOR-2008-1211383	Influence of donor and culture conditions on the safety of clinical-grade mesenchymal stem cells (SAFE MSC)	2	RIZZOLI		1.025.040	398.000	530.694	68,7
92	RF-ISS-2008-1218063	THERAPEUTIC TARGETING OF CANCER STEM CELLS FROM SOLID TUMORS	2	Istituto Superiore di Sanita'		943.800	400.000	400.000	68,7
93	RF-INT-2008-1201738	Self renewal and differentiation properties of fetal and iPS-derived neural stem cells and role of ATM and DNA repair	2	ISTITUTO TUMORI MILANO		461.600	214.600	215.000	68,3
94	RF-CAM-2008-1214587	Isolation of colon cancer stem cells by novel surface determinants and assessment of new intracellular pathways	2	Campania		779.900	386.900	390.000	68,3
95	RF-IOR-2008-1294649	DEVELOPEMENT OF AN INNOVATIVE OSTEOCHONDRAL CONSTRUCT USING AUTOLOGOUS MESENCHYMAL STEM CELLS FOR THE TREATMENT OF OSTEOCHONDRAL LESIONS	1	RIZZOLI		938.922	528.422	264.365	68,3

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96	RF-OPG-2008-1212272	EXTRA-EMBRYONIC TISSUE: ALTERNATIVE SOURCES OF MESENCHYMAL STEM CELLS WITH HYPOTHETIC-MULTIPOTENT PROPERTIES	2	OSPEDALE BAMBINO GESU'		527.000	200.000	200.000	67,7
97	RF-PAS-2008-1236838	Development of novel therapeutic approaches targeting cancer stem cells of triple negative breast cancer	1	PASCALE		1.160.000	400.000	485.000	67,7
98	RF-OMM-2008-1244110	Kidney repair with stem cells from umbilical cord blood	1	MAGGIORE		981.000	397.000	399.000	67
99	RF-INP-2008-1251100	Characterization of the molecular mechanisms driving homing of endothelial progenitor cells in cardiac angiogenesis	1	NEUROMED		640.000	320.000	320.000	67
100	RF-INT-2008-1206367	Identification and characterization of stem cell traits due to genomic, epigenomic and metabolic alterations in female cancers	2	ISTITUTO TUMORI MILANO		1.069.250	360.000	360.000	66,3
101	RF-OPG-2008-1248937	Stem cell technology in regenerative medicine	1	OSPEDALE BAMBINO GESU'		1.105.620	420.620	400.000	66
102	RF-LOM-2008-1263264	Mesenchymal stem cells: application in human cancer	1	Lombardia		400.000	180.000	180.000	66
103	RF-MUL-2008-1265860	Generation of Cardiomyocytes from Human Induced Pluripotent Stem Cells	2	MULTIMEDICA		681.912	298.339	298.450	66
104	RF-CAL-2008-1237489	Identification of microRNAs with leukaemogenic potential and characterisation of their mechanism of action by lentiviral transduction and high-throughput analyses of human haematopoietic stem cells	2	Calabria		1.210.536	300.000	300.000	65,7
105	RF-IEO-2008-1236287	The cancer stem cell niche, mesenchymal and endothelial progenitors as therapeutic targets	1	I.E.O.		938.080	400.000	400.000	64,7
106	RF-IRE-2008-1245677	Role of mesenchymal stem cells in progression of surgically-induced arterial stenosis	1	REGINA ELENA		600.000	150.000	150.000	64,7
107	RF-CCM-2008-1218033	Gene module and bioimaging mapping of the cross-talk between endothelial progenitor cells and inflammatory response in ischemic tissues	1	MONZINO		577.900	220.000	220.000	64,3

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108	RF-ABR-2008-1204908	Amniotic fluid stem cells (AFS) in regenerative medicine: characterization, osteogenic and neurogenic differentiation and evaluation of therapeutic efficacy in pre-clinical studies.	1	Abruzzo		916.422	300.000	300.000	64
109	RF-SDO-2008-1239992	A multidisciplinary approach to study the mechanism of fibroblast reprogramming to pluripotent progenitors using synthetic molecules: a new potential stem cell source for regenerative intervention in neurodegenerative disorders	2	SAN DONATO		430.000	200.000	200.000	64
110	RF-LAZ-2008-1256489	ASSESSMENT OF THE BIOLOGICAL CHARACTERISTICS OF THE CELL GRAFT AND SEQUENTIAL IN VITRO STUDY OF THE HEMATOPOIETIC AND STROMAL CELL RECONSTITUTION AFTER UNRELATED CORD BLOOD AND HAPLOIDENTICAL NON T-CELL DEPLETED BONE MARROW TRANSPLANT	2	Lazio		400.000	200.000	200.000	63,7
111	RF-OGR-2008-1200617	Efficient Generation of Photoreceptor Progenitors from human Bone Marrow-derived Mesenchymal Stem Cells for the treatment of Genetic and Diabetic Retinopathies.	1	CASA SOLLIEVO SOFFERENZA		400.000	200.000	200.000	63,3
112	RF-IMI-2008-1226036	Microvessels as organizers of stem cells niches in tissues derived from different germ layers ? a major new avenue into therapeutically relevant stem cell characterization	1	SPALLANZANI		607.000	300.000	300.000	63,3
113	RF-LAZ-2008-1251342	?Characterization of the immunoregulatory activity, genetic profile and microenvironment interaction of human MSCs from different sources: translation to the clinic?	1	Lazio		770.400	385.200	385.200	63,3
114	RF-IEO-2008-1201976	Neural stem cells: characterizing the epigenetic transitions for regenerative applications	1	I.E.O.		809.000	325.000	325.000	63
115	RF-VEN-2008-1200294	In vivo use of mesenchymal stem cells (MSC) for bone regeneration in maxillo-facial surgery	1	Veneto	€ 174.000,00	747.079,2	200.000	200.000	62,7

Rank	Code	Title	Area	Institution	MINISTRY FINAL BUDGET	Total fund	Ministry Request fund	Confinancing fund	Eval Average
116	RF-ICH-2008-1276220	Treatment of resistant osteomyelitis following hip and knee prosthetic surgery using concentrated bone marrow cells: in-vitro, preclinical and phase I/II clinical study	1	HUMANITAS		480.000	240.000	240.000	62,7
117	RF-VEN-2008-1204066	Bone marrow-derived stem cells for acellular matrix-based tracheal replacement: refinement of the procedures towards clinical trials	1	Veneto	€ 174.000,00	720.000	200.000	200.000	62,3
118	RF-ICH-2008-1201064	Mesenchymal Stem Cell in Inflammatory bowel disease: Homing and Therapeutic Implications	1	HUMANITAS		572.400	250.000	250.000	62
119	RF-ABR-2008-1202398	Molecular profiles of human glioblastoma stem cells: signal transduction pathways involved in chemio/radio and apoptosis-resistance	2	Abruzzo		535.000	356.000	53.000	62
120	RF-IOR-2008-1243471	Molecular signature of transformation and senescence of in vitro expanded human adult Mesenchymal Stem Cells and cartilagineous cells : therapeutic implications	1	RIZZOLI		213.804	147.300	73.650	62
121	RF-PSM-2008-1202546	Does Trabecular Titanium scaffold coated by acellular bone matrix produced by ASCs incorporate in "in vivo" conditions?	1	SAN MATTEO		568.912	167.520	170.000	61,3
122	RF-PIE-2008-1227742	Biosafety of human stem cells: evaluation of genomic stability and metrological assessment of regenerative medicine products	2	Piemonte		622.124	300.000	322.124	61,3
123	RF-IZL-2008-1238907	Assessment of the microbiological, biological and immunological safety of manipulated mesenchymal stem cells for use in regenerative medicine	1	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia		448.995	138.707	140.000	61,3
124	RF-VEN-2008-1201379	Therapeutic potential of stem cells in Gastroenterology: from inflammation to cancer	1	Veneto		673.000	235.000	235.000	61
125	RF-MUL-2008-1264569	Autologous Bone Marrow Cell Treatment in Peripheral Atherosclerosis in Diabetic Patients	1	MULTIMEDICA		761.852	300.114	301.008	60,7

Rank	Code	Title	Area	Institution	MINISTRY FINAL BUDGET	Total fund	Ministry Request fund	Confinancing fund	Eval Average
126	RF-EMR-2008-1219447	MULTILAYERED BIOCOMPATIBLE CHITOSAN CONDUIT FOR TISSUE ENGINEERED VASCULAR GRAFT BASED ON BONE MARROW-DERIVED MESENCHYMAL STEM CELLS: A POTENTIAL LONG-LASTING FUNCTIONAL VESSEL (T.E.VA.M PROJECT)	1	Emilia-Romagna		210.000	100.000	100.000	60,3
127	RF-CNM-2008-1252083	NEW STRATEGIES TO REPAIR SPINAL CORD INJURIES VIA THE PURINERGIC SYSTEM	1	NEUROLESIS		240.000	120.000	120.000	60
128	RF-MUL-2008-1253711	Bone marrow remodeling and dysfunction in diabetes mellitus	1	MULTIMEDICA		622.582	230.000	230.000	59,3
129	RF-SIC-2008-1207088	INTERACTIONS BETWEEN MICROENVIRONMENT AND HEMATOPOIETIC STEM CELL: SEARCH FOR A ROLE OF BONE MARROW MESENCHYMAL CELLS IN ACUTE MYELOID LEUKEMIA	1	Sicilia	€ 68.500,00	161.500	68.500	68.750	59
130	RF-EMR-2008-1210665	EX SITU REGENERATIVE MEDICINE OF GLANDULAR / PARENCHYMAL ORGANS: THE MODEL OF THE HUMAN BIOARTIFICIAL THYROID	1	Emilia-Romagna		790.000	300.000	300.000	59
131	RF-MAR-2008-1219571	Human stem cells derived from amniotic fluid: potential therapeutic application in Alzheimer disease	1	Marche		280.000	140.000	140.000	58,7
132	RF-SDN-2008-1265729	Immunophenotypic characterization and study of epigenetic mechanisms in placental stem cells of pregnant obese women.	2	SDN		307.000	206.000	100.000	58
133	RF-PAB-2008-1285326	Participation in the phase 1 trial ?MESENCHYMAL STROMAL CELLS (MSC) FOR THE TREATMENT OF SEVERE (GRADE II-IV) STEROID-RESISTANT GRAFT VERSUS HOST DISEASE (GVHD): A PHASE I TRIAL? (Sponsor : Azienda Ospedaliera San Gerardo, via Pergolesi 33, 20052 Monza)	1	Provincia autonoma Bolzano		100.000	50.000	50.000	58

## BANDO CELLULE STAMINALI

Rank	Code	Title	Area	Institution	MINISTRY FINAL BUDGET	Total fund	Ministry Request fund	Confinancing fund	Eval Average
134	RF-IOG-2008-1214095	Impiego di cellule staminali da polpa dentale: caratterizzazione in vitro, valutazione dell'efficacia e della sicurezza in modello pre-clinico ed applicazione clinica in pazienti affetti da patologie ossee	1	GALEAZZI		429.000	150.000	150.000	57,7
135	RF-CAM-2008-1232173	Peripheral arterial disease: identification of putative risk profile and therapeutic approach with autologous bone marrow transplantation	1	Campania	€ 50.000,00	200.000	50.000	50.000	57,7
136	RF-OMM-2008-1239727	Multipotent cells from umbilical cord as mediators of lung repair	1	MAGGIORE		881.000	328.000	328.000	56,7
137	RF-TOS-2008-1230180	Circulating cancer stem cells (cCSCs) in patients with colorectal cancer: biological and clinical relevance	1	Toscana		856.500	200.000	200.000	55,3
138	RF-EMR-2008-1205700	INTRAMYOCARDIAL BONE MARROW CELL INJECTION FOR CHRONIC ISCHEMIC DILATED CARDIOMYOPATHY: A RANDOMIZED CONTROLLED STUDY	1	Emilia-Romagna		780.000	300.000	300.000	54,3
139	RF-OOB-2008-1216790	Stem cells and familial hereditary breast cancer: possible clinical implications	1	ONCOLOGICO DI BARI	€ 304.500,00	999.000	350.000	350.000	53
140	RF-LAZ-2008-1249309	ROLE OF STEM CELLS IN THE THROFOBLASTIC AND EPITHELIAL REGENERATION DURING FETAL LIFE IN AN ANIMAL MODEL	2	Lazio		585.000	292.500	292.500	52,7
141	RF-SIC-2008-1203576	Characterization of bone marrow derived stem cells able to participate in liver regeneration after GCSF stimulation and identification of a reproducible clinical protocol of stem cell transplantation in patients with chronic liver diseases	1	Sicilia		400.000	200.000	200.000	52,3
142	RF-PIE-2008-1214391	MESENCHYMAL STEM CELLS AS A TOOL FOR SPINAL CORD INJURY REPAIR	1	Piemonte		872.000	400.000	400.000	51,7
143	RF-ISR-2008-1198324	Lung cancer stem cells: Dissection of potential mechanisms of resistance to chemo-radiation and immune system control.	2	SAN RAFFAELE PISANA		37.100	19.860	20.000	50,3

## BANDO CELLULE STAMINALI

Rank	Code	Title	Area	Institution	MINISTRY FINAL BUDGET	Total fund	Ministry Request fund	Confinancing fund	Eval Average
144	RF-LOM-2008-1252060	NARECNS - NANomedicine for the REgeneration of the Central Nervous System	1	Lombardia		614.200	269.600	344.600	47,7
145	RF-SDN-2008-1263837	Mesenchymal stem cells and acute kidney injury: mechanisms of repair and role of specific enhancers in cell culture and animal models.	1	SDN		344.000	213.000	50.000	35,3