Rank	Code	Title	Area	Institution	MINISTRY FINAL BUDGET	Total fund	Ministry Request fund	Confinancing fund	Eval Average
1	RF-INN-2008-1215065	Gene therapy in transgenic mouse models of inherited prion disease	Malattie rare Area A	CARLO BESTA	230.769,23	678.960,00	388.000,00	0,00	93,67
2	RF-CAM-2008-1222130	SET UP AND VALIDATION OF A HIGH THROUGHPUT SEQUENCING APPROACH FOR THE WHOLE ANALYSIS OF CFTR AND CF MODIFIER GENES	Malattie rare Area A	Campania	230.769,23	780.000,00	500.000,00	110.000,00	93,33
3	RF-IAI-2008-1216776	Gene-specific management of lethal LQT3 variant of Long QT Syndrome: from mouse to man.	Malattie rare Area A	AUXOLOGICO	230.769,23	1.255.890,00	759.300,00	222.000,00	91,67
4	RF-TOS-2008-1225570	Induced pluripotent stem cells as in vitro models for the study of Rett syndrome pathogenesis and identification of therapeutic targets.	Malattie rare Area A	Toscana	230.769,23	887.300,00	369.300,00	0,00	91,67
5	RF-OGR-2008-1203632	Widening of the molecular and phenotypic spectrum of Joubert syndrome and related disorders and development of novel diagnostic and prognostic tools	Malattie rare Area A	CASA SOLLIEVO SOFFERENZA	230.769,23	760.000,00	482.000,00	92.000,00	90,33
6	RF-ISS-2008-1222648	New therapeutic approaches in the human beta-thalassemia treatment: in vitro and in vivo studies.	Malattie rare Area A	Istituto Superiore di Sanita'	230.769,23	1.121.800,00	680.000,00	0,00	89,67
7	RF-EMR-2008-1210900	Pre-clinical development of gene therapy for epidermolysis bullosa	Malattie rare Area A	Emilia-Romagna	230.769,23	1.052.000,00	606.000,00	300.000,00	89,33
8	RF-IOR-2008-1257671	Multiple Osteochondromas disease: biological and molecular key-players involved in pathogenesis and potential novel diagnostic/prognostic factors to optimize management of patients.	Malattie rare Area A	RIZZOLI	230.769,23	595.500,00	431.500,00	0,00	89,33
9	RF-IRE-2008-1231829	MECP2 PHOSPHORYLATION AND RELATED KINASES IN RETT SYNDROME	Malattie rare Area A	REGINA ELENA	230.769,23	855.000,00	460.000,00	60.000,00	88,33
10	RF-TOS-2008-1219488	Childhood Histiocytoses: getting deeper in pathogenesis and exploring novel therapeutic approaches	Malattie rare Area A	Toscana	230.769,23	1.115.000,00	800.000,00	100.000,00	88
11	RF-ISS-2008-1200814	MUTYH-associated polyposis: in vitro and in vivo studies for clinical genotype-phenotype correlations	Malattie rare Area A	Istituto Superiore di Sanita'	230.769,23	1.253.600,00	544.600,00	60.000,00	87,67
12	RF-OGR-2008-1203614	Characterization of the neuronal degeneration pathways and assessment of the protective role of autophagy induction in Young Onset Parkinsonism due to mutations in PINK1	Malattie rare Area A	CASA SOLLIEVO SOFFERENZA	230.769,23	557.000,00	410.000,00	50.000,00	87,67
13	RF-FSL-2008-1281075	MARKERS OF PATHOLOGICAL AND NEUROPHYSIOLOGICAL DYSFUNCTION IN PROGRESSIVE SUPRANUCLEAR PALSY	Malattie rare Area A	SANTA LUCIA	230.769,23	576.000,00	290.000,00	230.000,00	87,67

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14	RF-IDI-2008-1237699	Function of p63 in normal skin and in ectodermal dysplasia syndromes	Malattie rare Area A	ISTITUTO DERMOPATICO IMMACOLATO		552.600,00	392.800,00	134.800,00	87,33
15	RF-IGG-2008-1203732	The Autoinflammatory diseases associated to mutations of genes of the NALP family. New clinical and pathogenic insights	Malattie rare Area A	GASLINI		524.588,00	292.200,00	25.000,00	87
16	RF-ISS-2008-1204759	Understanding the pathogenetic mechanisms underlying Noonan syndrome and clinically related rare diseases for diagnosis, patient management, and therapeutic intervention	Malattie rare Area A	Istituto Superiore di Sanita'		970.400,00	516.000,00	0,00	87
17	RF-EMR-2008-1208864	PRECLINICAL STUDIES IN HUMAN CELLS AND ANIMAL MODELS AIMING AT DISSECTING HUMAN COLLAGEN VI MYOPATHIES FOR EVALUATING EFFICAY OF NOVEL THERAPEUTICS	Malattie rare Area A	Emilia-Romagna		1.671.000,00	671.000,00	915.950,00	87
18	RF-PIE-2008-1232273	Measurement of the width of the deletion in the short arm of chromosome 5 and investigation regarding the presence of genomic microarrangements in patients with Cri Du Chat Syndrome by the use of the Array-CGH nanotechnique in order to get a better genotype-phenotype correlation.	Malattie rare Area A	Piemonte		214.000,00	138.000,00	0,00	87
19	RF-INP-2008-1210938	Role of metabotropic glutamate receptors in monogenic autism: new targets for pharmacological therapy	Malattie rare Area A	NEUROMED		509.300,00	305.000,00	0,00	86,33
20	RF-FSL-2008-1235493	EFFECTS OF CATALASE OVEREXPRESSION IN A MOUSE MODEL OF AMYOTROPHIC LATERAL SCLEROSIS	Malattie rare Area A	SANTA LUCIA		772.000,00	700.000,00	50.000,00	86,33
21	RF-OPG-2008-1241535	Modelli sperimentali per lo sviluppo di nuove terapie e per la valutazione della loro sicurezza ed efficacia - Improvement of outcome in retinoblastoma patients by means of brachytherapy optimized through in vivo and in vitro studies	Malattie rare Area A	OSPEDALE BAMBINO GESU'		937.990,00	666.590,00	72.500,00	86,33
22	RF-OGR-2008-1259456	MAPPING OF A NEW RARE FORM OF ECTODERMAL DYSPLASIA: CHARACTERIZATION OF THE DISEASE-GENE IMPLICATED IN THE CELL-CELL ADHESION PATHWAY	Malattie rare Area A	CASA SOLLIEVO SOFFERENZA		473.000,00	322.000,00	0,00	86

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23	RF-EOG-2008-1277134	MOLECULAR CHARACTERIZATION AND VALIDATION OF ACTIVATED MONOCYTES AS A CELLULAR MODEL OF HEREDITARY HEMORRHAGIC TELANGIECTASIA: GENETIC, FUNCTIONAL AND IMMUNOLOGICAL FEATURES OF A LARGE PATIENT COHORT	Malattie rare Area A	DE BELLIS		1.139.945,20	406.300,00	0,00	85,67
24	RF-IAI-2008-1236073	NOVEL MOLECULAR DEFECTS ASSOCIATED WITH BECKWITH-WIEDEMANN SYNDROME AND SILVER-RUSSELL SYNDROME	Malattie rare Area A	AUXOLOGICO		736.230,00	428.015,00	30.000,00	85,33
25	RF-INM-2008-1252081	NEW DIAGNOSTIC AND PROGNOSTIC APPROACHING: DELINEATION OF HOMOGENEOUS SUBGROUPS OF SPORADIC ALS PATIENTS	Malattie rare Area A	MONDINO		577.670,00	300.000,00	0,00	85,33
26	RF-IOR-2008-1206925	PATHOGENESIS OF THE OSTEOLYTIC PROCESS IN LAMINOPATHIES	Malattie rare Area A	RIZZOLI		864.070,77	394.000,00	86.000,00	85
27	RF-IRE-2008-1233375	Novel translational approaches for the diagnosis and treatment of human pancreatic cancer	Malattie rare Area A	REGINA ELENA		1.656.160,00	785.000,00	650.000,00	85
28	RF-SDN-2008-1244461	IGF pathway in neuroendocrine tumors: a promising prognostic factor and target for novel treatment	Malattie rare Area A	SDN		577.360,00	459.268,00	65.000,00	84,67
29	RF-MUL-2008-1251415	Interaction of retinoblastoma cells with the tumor microenvironment: strategies for therapy and prevention	Malattie rare Area A	MULTIMEDICA		1.020.448,00	600.000,00	53.000,00	84,33
30	RF-CAM-2008-1204203	MULTIANALYTE GENOMIC AND BIOCHEMICAL SCREENING IN RARE METABOLIC DISORDERS	Malattie rare Area A	Campania		710.000,00	494.000,00	100.000,00	84
31	RF-IST-2008-1214192	INHIBITION OF THE ANAPLASTIC LYMPHOMA KINASE (ALK) FOR NEW NEUROBLASTOMA THERAPEUTIC APPROACHES	Malattie rare Area A	I.S.T. GENOVA		492.940,00	270.750,00	89.450,00	84
32	RF-OPG-2008-1225700	DNA copy number variations (CNVs) in West, Lennox-Gastaut syndrome and other cryptogenic epileptic encephalopathies of infancy	Malattie rare Area A	OSPEDALE BAMBINO GESU'		669.000,00	400.000,00	40.000,00	84
33	RF-MUL-2008-1253661	Comprehensive Detection of Mutations in Cardiomyopathies Using the Next Generation Sequencing Approach	Malattie rare Area A	MULTIMEDICA		1.487.970,00	800.000,00	150.000,00	83,67
34	RF-IGG-2008-1203814	IDENTIFICATION OF GENES INVOLVED IN HYPOMYELINATING WHITE MATTER DISORDERS	Malattie rare Area A	GASLINI		871.438,31	255.132,00	0,00	83,33

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35	RF-FSR-2008-1204313	Application of high throughput molecular techniques for clinical-genetic diagnosis of CMT neuropathies	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		600.600,00	430.000,00	0,00	83,33
36	RF-INT-2008-1241310	Lynch Syndrome: predictive risk models and biomarkers for the identification of subjects carrying germline mutations in Mismatch Repair Genes	Malattie rare Area A	ISTITUTO TUMORI MILANO		860.500,00	501.000,00	97.500,00	83,33
37	RF-IGG-2008-1199923	Candidate Planar Cell Polarity (PCP) gene analysis in Caudal Regression Syndrome	Malattie rare Area A	GASLINI		648.960,00	306.720,00	267.000,00	83
38	RF-IDI-2008-1221404	Trichothiodystrophy: novel diagnostic/prognostic markers and therapeutic targets	Malattie rare Area A	ISTITUTO DERMOPATICO IMMACOLATO		707.705,00	407.950,00	74.780,00	83
39	RF-VEN-2008-1200507	TOWARDS AN INNOVATIVE THERAPY OF ECTRODACTYLY-ECTODERMAL DYSPLASIA-CLEFTING SYNDROME USING ALLELE-SPECIFIC RNA SILENCING	Malattie rare Area A	Veneto		637.500,00	380.000,00	0,00	82,67
40	RF-ICH-2008-1259340	Understanding the WHIM syndrome: molecular analysis of CXCR4 functions in leukocyte trafficking and activation	Malattie rare Area A	HUMANITAS		463.100,00	440.000,00	0,00	82,67
41	RF-SDN-2008-1285885	Identification of new molecular targets involved in infantile encephalopathy due to mitochondrial complex I deficiency: new perspectives for therapeutical intervention	Malattie rare Area A	SDN		930.000,00	625.000,00	190.000,00	82,67
42	RF-IRE-2008-1222486	THE DYSPLASTIC NEVUS SYNDROME: GENETICS, DERMATOLOGY, IMMUNOPATHOLOGY AND MOLECULAR BIOLOGY TO REVISIT AN UNSOLVED DILEMMA	Malattie rare Area A	REGINA ELENA		1.506.960,00	509.960,00	660.000,00	82,33
43	RF-IOV-2008-1264825	The unresolved questions of the paraganglioma/pheochromocytoma syndrome: the molecular mechanisms that may influence its expression and penetrance and the link between impairment of SDH activity, mitochondrial function and tumor formation	Malattie rare Area A	I. O. V.		545.400,00	400.000,00	0,00	82,33
44	RF-FSL-2008-1200493	Molecular and functional analysis of dopamine D2 receptor dysfunction in a model of DYT1 dystonia; possible rescue by adenosine A2A receptor antagonism	Malattie rare Area A	SANTA LUCIA		842.000,00	536.000,00	150.000,00	82

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45	RF-FSL-2008-1200813	Clinical, molecular, and neuroimaging study translating research in the autosomally-inherited forms of hereditary spastic paraplegia	Malattie rare Area A	SANTA LUCIA		931.375,00	416.075,00	131.000,00	82
46	RF-CAM-2008-1220811	RARE TYPES OF THYROID CANCER: NOVEL MOLECULAR MARKERS AND THERAPEUTIC APPROACHES	Malattie rare Area A	Campania		500.000,00	400.000,00	100.000,00	82
47	RF-LOM-2008-1259848	Complement abnormalities in primary Membranoproliferative glomerulonephritis	Malattie rare Area A	Lombardia		287.075,00	128.600,00	112.475,00	82
48	RF-PIE-2008-1217797	A comprehensive approach to the management of the inborn diseases EEC and SHFM: from animal models to therapeutic validation	Malattie rare Area A	Piemonte		565.000,00	261.000,00	140.000,00	81,67
49	RF-OPG-2008-1199071	The pathogenesis of chronic recurrent multifocal osteomyelitis: the role of osteoclasts with a novel molecular mechanism of recognition of bone matrix	Malattie rare Area A	OSPEDALE BAMBINO GESU'		569.000,00	401.000,00	56.000,00	81
50	RF-EMR-2008-1203772	Realization of a regional network for the management of DSD (disorders of sex development): proposal for a common diagnostic approach, clinical management and decision on sex of rearing	Malattie rare Area A	Emilia-Romagna		955.900,00	797.900,00	0,00	81
51	RF-AOM-2008-1204048	Identification of diagnostic markers for mitochondrial aetiology in patients with Mental Retardation and/or Autistic Spectrum Disorders	Malattie rare Area A	OASI MARIA S.S.		473.700,00	317.700,00	0,00	81
52	RF-FSL-2008-1211133	Role of the Ataxia Telangiectasia Mutated kinase in the modulation of protein stability	Malattie rare Area A	SANTA LUCIA		702.000,00	532.000,00	101.000,00	81
53	RF-IST-2008-1204099	Post-transcritional regulation of Pitx2, the gene responsible for the Axenfeld-Rieger syndrome and an essential regulator of cell-specific proliferation. Role of AU-rich element binding proteins, microRNAs, and noncoding RNAs.	Malattie rare Area A	I.S.T. GENOVA		617.332,23	285.875,00	111.580,00	80,67
54	RF-ISS-2008-1221075	Study models to improve primary, secondary and tertiary prevention of rare congenital endocrinopaties diagnosed by neonatal screening: congenital hypothyroidism and congenital adrenal hyperplasia	Malattie rare Area A	Istituto Superiore di Sanita'		1.046.500,00	663.000,00	0,00	80,67
55	RF-IGG-2008-1204315	Identification of genes involved in primary lymphedema	Malattie rare Area A	GASLINI		330.900,00	235.900,00	0,00	80,33

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56	RF-OPG-2008-1234715	Primary humoral immunodeficiency, microbes and cancer development	Malattie rare Area A	OSPEDALE BAMBINO GESU'		689.550,00	389.500,00	50.000,00	80,33
57	RF-CNM-2008-1236373	Development of an RNA interference-based system for the molecular cell therapy of Myotonic Dystrophy type 1 and 2	Malattie rare Area A	NEUROLESI		256.000,00	191.000,00	20.000,00	80,33
58	RF-FSR-2008-1240755	The RAGE/HMGB1 axis in P. aeruginosa infections and as therapeutic target in Cystic Fibrosis	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		430.000,00	430.000,00	0,00	80,33
59	RF-SDO-2008-1218299	Role of microRNAs in type 1 and 2 myotonic dystrophies	Malattie rare Area A	SAN DONATO		874.000,00	400.000,00	85.000,00	80
60	RF-OGR-2008-1202919	SEARCHING FOR THE MOLECULAR MECHANISMS UNDERLYING THE OCULO-AURICULO-VERTEBRAL SPECTRUM DISORDER	Malattie rare Area A	CASA SOLLIEVO SOFFERENZA		590.781,00	265.000,00	0,00	79,67
61	RF-PIE-2008-1202979	Development and use of nanocarriers in the enzyme replacement therapy for the treatment of Gaucher and Niemann-Pick (type B) diseases.	Malattie rare Area A	Piemonte		469.000,00	448.000,00	0,00	79,67
62	RF-PIE-2008-1242210	CHIARI MALFORMATION TYPE 1 : MOLECULAR-GENETIC PROSPECTIVE STUDIES OF CLINICAL PHENOTYPES	Malattie rare Area A	Piemonte		680.000,00	487.000,00	0,00	79,67
63	RF-OPG-2008-1199182	The M.A.Y.B.E. study to investigate protein glycosylation in muscle and brain: Clinical, Genetic, and Experimental Approaches to Congenital Muscular Dystrophies	Malattie rare Area A	OSPEDALE BAMBINO GESU'		910.000,00	410.000,00	66.000,00	79,33
64	RF-VEN-2008-1207040	Arrhythmogenic Right Ventricular Cardiomyopathy: Translating Basic Science into Clinical Practice and Prevention	Malattie rare Area A	Veneto		890.000,00	500.000,00	110.000,00	79,33
65	RF-ISS-2008-1214454	Development of new therapies for Rett syndrome based on the Rho GTPase-activating CNF1	Malattie rare Area A	Istituto Superiore di Sanita'		664.107,17	355.500,00	63.000,00	79,33
66	RF-CAM-2008-1207935	Sequence-capture array coupled with high-throughput sequencing technology to identify new Primary Ciliary Dyskinesia-causing genes, to expand the molecular epidemiology of the disease and investigate genotype-phenotype correlations	Malattie rare Area A	Campania		554.110,00	353.700,00	88.000,00	79
67	RF-IOR-2008-1211545	DEVELOPMENT AND PRECLINICAL VALIDATION OF NEW THERAPEUTIC APPROACHES AGAINST CD99 AND GLUTATHIONE-S-TRANSFERASES IN EWING'S SARCOMA AND OSTEOSARCOMA	Malattie rare Area A	RIZZOLI		1.522.960,00	807.800,00	150.000,00	79

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68	RF-TOS-2008-1218377	PATHOGENESIS OF AUTOINFLAMMATORY DISORDERS	Malattie rare Area A	Toscana		682.000,00	442.000,00	0,00	79
69	RF-IRE-2008-1238323	MOLECULAR MECHANISMS OF CHEMOSENSITIZATION THE ACTION OF CISPLATIN IN MESOTHELIOMA	Malattie rare Area A	REGINA ELENA		731.000,00	450.000,00	144.000,00	79
70	RF-UMB-2008-1244490	ENZYME DELIVERY TO CNS - PROOF OF PRINCIPLE ON THE KRABBE DISEASE MOUSE MODEL	Malattie rare Area A	Umbria		1.107.200,00	589.000,00	28.000,00	79
71	RF-LAZ-2008-1274727	THERAPY WITH TEMOZOLOMIDE IN PATIENTS AFFECTED BY TYPE 1 NEUROFIBROMATOSIS WITH UNRESECTABLE PLEXIFORM NEUROFIBROMAS OR MALIGNANT PERIPHERAL NERVE SHEATH TUMORS: CORRELATION WITH MGMT PROMOTER METHYLATION STATUS IN THE LESIONS.	Malattie rare Area A	Lazio		375.347,00	187.300,00	188.047,00	79
72	RF-INN-2008-1281121	Disease mechanisms and molecular epidemiology of hereditary spinocerebellar degenerations caused by defects of the mitochondrial m-AAA protease complex	Malattie rare Area A	CARLO BESTA		740.160,00	507.040,00	80.000,00	79
73	RF-INT-2008-1200229	Familial breast cancer: identification and validation of susceptibility alleles, genetic modifiers of risk and novel mechanisms of pathogenesis.	Malattie rare Area A	ISTITUTO TUMORI MILANO		524.600,00	412.600,00	0,00	78,67
74	RF-EMR-2008-1201733	Development of in vivo and in vitro models to evaluate the efficacy of novel therapies in pemphigus: new tools for the pre-clinical testing of treatments targeting immune and non-immune pathways	Malattie rare Area A	Emilia-Romagna		479.000,00	400.000,00	57.143,00	78,67
75	RF-SDN-2008-1236348	IDENTIFICATION OF DRUGGABLE TARGETS IN A CONDITIONAL MOUSE MODEL FOR AEC SYNDROME.	Malattie rare Area A	SDN		611.600,00	409.600,00	70.000,00	78,67
76	RF-ICH-2008-1246543	Molecular, Pathological, and Pharmacological Features in Purified TSC2 LAM Cells. Approaching an Effective Therapy	Malattie rare Area A	HUMANITAS		480.000,00	480.000,00	0,00	78,67
77	RF-TOS-2008-1213978	PRIMARY IMMUNODEFICIENCY DISORDERS AND AUTOIMMUNITY: A PUTATIVE ROLE FOR HLA-G AND ITS POLYMORPHISMS IN IMMUNE TOLERANCE VIA ADAPTIVE REGULATORY T CELLS	Malattie rare Area A	Toscana		880.000,00	420.000,00	0,00	78,33

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78	RF-CAM-2008-1221707	Novel therapeutic approaches for lysosomal storage disorders: small molecules and gene therapy.	Malattie rare Area A	Campania		886.000,00	800.000,00	46.000,00	78,33
79	RF-IGG-2008-1203748	Pathogenetic mechanisms and therapeutic strategies in Congenital Central Hypoventilation Syndrome	Malattie rare Area A	GASLINI		689.639,00	412.416,00	0,00	78
80	RF-CCM-2008-1203812	Characterization of the genes responsible for vascular fragility in Hereditary Cavernous Malformations and hemorrhagic stroke: from genome to proteome	Malattie rare Area A	MONZINO		654.575,00	412.595,00	133.200,00	78
81	RF-MUL-2008-1253774	The Role of microRNAs in nemaline myopathy	Malattie rare Area A	MULTIMEDICA		729.274,00	437.275,00	93.000,00	78
82	RF-ASR-2008-1199883	MOLECULAR GENETICS AND PHENOTYPIC EXPRESSION OF FAMILIAL LIPOPROTEIN LIPASE DEFICIENCY	Malattie rare Area A	Emilia-Romagna		1.430.500,00	310.500,00	0,00	77,67
83	RF-OGR-2008-1213920	TRIM50 Williams-Beuren syndrome gene is a novel component of aggresomes and provides a link between autophagy and proteasome: implications for the Williams Beuren syndrome treatment	Malattie rare Area A	CASA SOLLIEVO SOFFERENZA		700.800,00	415.000,00	50.000,00	77,67
84	RF-SIC-2008-1208180	Genetic and molecular profile of brain gliomas and possible correlations with neuro-imaging: clinical and prognostic implications	Malattie rare Area A	Sicilia		880.000,00	800.000,00	80.000,00	77,33
85	RF-CAM-2008-1210906	Insight into pathogenesis of mental dysfunctions in Phenylketonuria by mass spectrometry imaging	Malattie rare Area A	Campania		726.000,00	458.000,00	100.000,00	77,33
86	RF-CAM-2008-1228927	Modulating Cellular Clearance to Cure Human Disease	Malattie rare Area A	Campania		641.200,00	478.400,00	0,00	77,33
87	RF-IEM-2008-1258487	RNA and Rare Diseases: integrating current knowledge to predict the effect of mutations in muscular dystrophies	Malattie rare Area A	MEDEA		784.200,00	519.200,00	0,00	77,33
88	RF-OPG-2008-1218375	Identification of intracellular trafficking targets for the treatment of Fanconi syndrome in Nephropathic Cystinosis	Malattie rare Area A	OSPEDALE BAMBINO GESU'		800.600,00	504.000,00	40.000,00	77
89	RF-IAI-2008-1282724	CLINICAL EXPRESSION OF PRADER-WILLI SYNDROME DURING LIFESPAN: THE ROLE OF DIFFERENT GENOTYPES	Malattie rare Area A	AUXOLOGICO		651.000,00	403.000,00	0,00	76,33
90	RF-SIC-2008-1222016	TRANSGLUTAMINASES AND NEURODEGENERATIVE MECHANISMS IN HUNTINGTON S DISEASE	Malattie rare Area A	Sicilia		596.500,00	248.000,00	348.500,00	76

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91	RF-INN-2008-1198419	MITOCARE: strategies for the correction of OXPHOS defects in animal models of mitochondrial disease	Malattie rare Area A	CARLO BESTA		512.359,00	344.000,00	0,00	75,67
92	RF-IDI-2008-1199021	EPIGENETIC BASIS OF DUCHENNE CARDIOMYOPATHY: IDENTIFICATION OF NOVEL THERAPEUTIC TARGETS	Malattie rare Area A	ISTITUTO DERMOPATICO IMMACOLATO		686.200,00	387.700,00	82.000,00	75,67
93	RF-IST-2008-1199171	Identification of biomarkers and targets for existing therapies in uveal melanomas	Malattie rare Area A	I.S.T. GENOVA		886.334,00	362.994,00	60.000,00	75,67
94	RF-SIC-2008-1224034	MULTIFACTORIALS ANALYSIS OF GASTROINTESTINAL STROMAL TUMORS AND THEIR PROBABLE PROGNOSTIC AND PREDICTIVE ROLE	Malattie rare Area A	Sicilia		870.940,00	452.340,00	62.900,00	75,67
95	RF-MAR-2008-1293771	MiRNA in diagnosis /prognosis of pleural malignant mesothelioma	Malattie rare Area A	Marche		405.000,00	215.000,00	0,00	75,67
96	RF-OPG-2008-1199186	New Therapeutic Approaches to Osteopetrosis	Malattie rare Area A	OSPEDALE BAMBINO GESU'		520.000,00	420.000,00	40.000,00	75,33
97	RF-LIG-2008-1208148	Aberrant NF-kB and mTOR signaling in Birt-Hogg-Dubè syndrome: synthetic lethal phenotypes as a guide to the functional characterization	Malattie rare Area A	Liguria		1.050.604,00	590.750,00	286.000,00	75,33
98	RF-OMM-2008-1265837	Search of novel genes and mechanisms underlying Cornelia de Lange syndrome and genotype-phenotype correlation in a large Italian cohort	Malattie rare Area A	MAGGIORE		696.000,00	564.000,00	0,00	75,33
99	RF-SIC-2008-1201521	GLOBOID CELLS LEUKODYSTROPHY (KRABBE DISEASE): analysis of GALC gene polymorphisms	Malattie rare Area A	Sicilia		80.000,00	50.000,00	25.000,00	75
100	RF-FSR-2008-1207006	High throughput molecular analysis for diagnosis and risk stratification in inherited arrhythmogenic syndromes.	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		502.000,00	420.000,00	50.000,00	75
101	RF-SIC-2008-1208222	MUTATIONAL ANALISYS OF NEW GENES ASSOCIATED WITH POF PATHOGENESYS	Malattie rare Area A	Sicilia		438.000,00	438.000,00	0,00	75
102	RF-IOV-2008-1220570	Role of late endothelial progenitor cells (late-EPCs) on the pathogenesis of Kaposi's sarcoma	Malattie rare Area A	I. O. V.		1.212.800,00	425.100,00	0,00	75
103	RF-LAZ-2008-1241583	MITOCHONDRIAL LETM1 AS CANDIDATE GENE FOR SEIZURES AND GROWTH DELAY IN WOLF-HIRSCHHORN SYNDROME: STUDY OF THE PATHOGENIC MECHANISMS IN MYOBLASTS FRON WOLF-HIRSCHHORN SYNDROME PATIENTS	Malattie rare Area A	Lazio		230.000,00	230.000,00	0,00	75

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104	RF-ISS-2008-1245737	Roles of the BRCT protein domains in DNA repair-defective rare disorders: insights into biochemical, molecular and cytogenetics aspects.	Malattie rare Area A	Istituto Superiore di Sanita'		525.510,00	346.010,00	0,00	75
105	RF-PAS-2008-1231887	Role of inflammatory microenvironment in familial polyposis: development of new diagnostic, prognostic and therapeutic approaches.	Malattie rare Area A	PASCALE		1.302.439,00	700.000,00	0,00	74,67
106	RF-LIG-2008-1272907	DRUG-RESISTANCE MONITORING IN LEPROSY BY DHPLC	Malattie rare Area A	Liguria		260.000,00	260.000,00	0,00	74,67
107	RF-IDI-2008-1285980	Novel therapeutic intervention for a rare form of severe congenital unconjugated hyperbilirubinemia-Crigler-Najjar syndrome type I	Malattie rare Area A	ISTITUTO DERMOPATICO IMMACOLATO		764.200,00	276.269,00	40.000,00	74,67
108	RF-IST-2008-1204621	Splenic marginal zone lymphoma: identification of new subsets and determination of diagnostic parameters	Malattie rare Area A	I.S.T. GENOVA		556.948,00	300.000,00	120.000,00	74,33
109	RF-INN-2008-1208911	RARE DISEASES PRESENTING WITH PROMINENT CORTICAL MYOCLONUS: IMPLEMENTATION OF AN INNOVATIVE FUNCTIONAL APPROACH TO DISCRIMINATE PATHOPHYSIOLOGICAL SUBSTRATES AND TO ADVISE THE TREATMENT CHOICE.	Malattie rare Area A	CARLO BESTA		800.512,00	462.080,00	0,00	74,33
110	RF-VEN-2008-1210955	Studies on Brain Pathophysiology and Treatment of Neurological Impairment in Lysosomal Storage Diseases by the use of Neural Stem Cells	Malattie rare Area A	Veneto		503.702,00	423.702,00	40.000,00	74,33
111	RF-INT-2008-1221481	Development of disease models and design of novel targeted therapeutic strategies for RET-driven Medullary Thyroid Carcinoma	Malattie rare Area A	ISTITUTO TUMORI MILANO		1.259.190,00	670.930,00	50.000,00	74,33
112	RF-TOS-2008-1229564	Innovative technologies finalized to the improvement of most advanced diagnostic tools for the molecular analysis of spinocerebellar Ataxias (cod. RFG040)	Malattie rare Area A	Toscana		712.000,00	685.000,00	0,00	74,33
113	RF-PUG-2008-1263208	RARE DISEASES OF SKELETAL MUSCLE: ION CHANNELOPATHIES AND DUCHENNE MUSCULAR DYSTROPHY. FROM GENOTYPE TO PHENOTYPE, INTEGRATED PRECLINICAL EVALUATION OF NEW PHARMACOTHERAPEUTICAL APPROACHES, AND EFFICACY/SAFETY VALIDATION	Malattie rare Area A	Puglia		590.000,00	347.000,00	50.000,00	74,33

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114	RF-FSM-2008-1284406	Neurobiological markers of Rett Syndrome: a combined study in MeCP2 mutant patients and mice	Malattie rare Area A	STELLA MARIS		549.850,00	300.000,00	0,00	74,33
115	RF-EMR-2008-1204349	Study of the genetic determinants associated with clinical expressivity and disease progression in hereditary hemochromatosis	Malattie rare Area A	Emilia-Romagna		736.900,00	583.900,00	0,00	74
116	RF-TOS-2008-1216738	PATHOGENETIC STUDY OF AUTOSOMAL DOMINANT OPTIC ATROPHY (ADOA)	Malattie rare Area A	Toscana		516.000,00	201.000,00	0,00	74
117	RF-IOR-2008-1200625	Sarcospheres as a tool to identify novel strategies for osteosarcoma treatment	Malattie rare Area A	RIZZOLI		626.350,00	400.000,00	0,00	73,67
118	RF-FSR-2008-1203172	Genetic engineering of hematopoietic stem cells to cure beta-thalassemia in preclinical models and human cells	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		881.000,00	601.000,00	200.000,00	73,67
119	RF-TOS-2008-1224385	Genetic, pathological, biohumoral and advanced neuroimaging characterization of familial cerebral microangiopathies: creation of the Tuscany Registry	Malattie rare Area A	Toscana		494.000,00	249.000,00	0,00	73,67
120	RF-VEN-2008-1199890	PHYSIOPATHOLOGICAL, MOLECULAR AND GENETIC STUDIES IN ACHALASIA PATIENTS AND IN A NOVEL ANIMAL MODEL OF ENTERIC NERVOUS SYSTEM DYSFUNCTION	Malattie rare Area A	Veneto		770.000,00	551.000,00	50.000,00	73,33
121	RF-FSR-2008-1202282	Cell and gene therapy for the treatment of Hurler Type I Mucopolysaccharidosis	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		705.000,00	400.000,00	180.000,00	73,33
122	RF-PSM-2008-1216156	From the molecular mechanisms of tissue damage to the development of new diagnostic tools and drug discovery in amyloidosis	Malattie rare Area A	SAN MATTEO		1.249.500,00	522.000,00	197.000,00	73,33
123	RF-INP-2008-1243250	Transforming Growth Factor Beta (TGF Beta) dysfunction in the pathophysiology of Huntington Disease as a possible novel mechanism and biomarker.	Malattie rare Area A	NEUROMED		742.500,00	260.000,00	0,00	73,33
124	RF-IGG-2008-1210877	Investigations on clinical aspects and pathogenetic mechanisms of complications in neutral lipid storage diseases (NLSD)	Malattie rare Area A	GASLINI		504.600,00	207.450,00	0,00	73
125	RF-OGR-2008-1216350	Germline and somatic mutations of JAK2 and Annexin A5 genes as risk factors for portal vein thrombosis and Budd-Chiari syndrome.	Malattie rare Area A	CASA SOLLIEVO SOFFERENZA		543.500,00	243.500,00	0,00	73
126	RF-TOS-2008-1220652	Genetic studies of a novel cancer predisposing syndrome	Malattie rare Area A	Toscana		608.200,00	400.200,00	0,00	73

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127	RF-IRE-2008-1238181	ANTI-APOPTOTIC ROLE OF CHE-1/HAX1 COMPLEX IN KOSTMANN DISEASE, A SEVERE CONGENITAL NEUTROPENIA.	Malattie rare Area A	REGINA ELENA		1.256.100,00	600.000,00	0,00	73
128	RF-FSM-2008-1246197	Diagnostic algorithm for malformations of cortical development	Malattie rare Area A	STELLA MARIS		863.900,00	388.000,00	0,00	73
129	RF-SDN-2008-1236392	Sequence-capture array coupled with high-throughput sequencing technology and genotyping microarrays to expand the molecular basis and to investigate genotype-phenotype correlations of isolate and syndromic inherited retinal degenerations.	Malattie rare Area A	SDN		594.805,00	381.700,00	90.000,00	72,67
130	RF-LAZ-2008-1246899	Mechanisms of reactivation of the FMR1 gene and analysis of pathways involved in the pathogenesis of	Malattie rare Area A	Lazio		383.700,00	383.700,00	0,00	72,67
131	RF-LOM-2008-1249964	PATHOGENESIS OF ANGIOEDEMA SYMPTOMS IN PATIENTS WITH INHERITED C1 INHIBITOR DEFICIENCY (HEREDITARYANGIOEDEMA): A SYSTEM BIOLOGY APPROACH	Malattie rare Area A	Lombardia		578.000,00	578.000,00	260.000,00	72,67
132	RF-FSR-2008-1220541	FOXP3 gene transfer studies: towards innovative therapies for IPEX syndrome	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		480.000,00	380.000,00	100.000,00	72,33
133	RF-LIG-2008-1224469	A new P2X7 antagonist as a potential pathogenetic treatment for Charcot-Marie-Tooth 1A	Malattie rare Area A	Liguria		507.866,00	400.160,00	10.000,00	72,33
134	RF-OMM-2008-1224622	Albright hereditary osteodystrophy and pseudohypoparathyroidism: from clinical and molecular determinants to a new disease classification	Malattie rare Area A	MAGGIORE		803.500,00	407.000,00	0,00	72,33
135	RF-CAL-2008-1228207	PRION PROTEIN GENE P102L MUTATION: FOUNDER EFFECT AND PHENOTYPIC VARIABILITY	Malattie rare Area A	Calabria		1.114.200,00	550.700,00	0,00	72,33
136	RF-INT-2008-1236146	Diagnosis, referral and management of hereditary cutaneous melanoma: development of primary and secondary prevention strategies	Malattie rare Area A	ISTITUTO TUMORI MILANO		733.950,00	401.100,00	7.200,00	72,33
137	RF-AOM-2008-1237389	Search for new genetic markers of Narcolepsy	Malattie rare Area A	OASI MARIA S.S.		682.150,00	400.000,00	0,00	72,33
138	RF-CRO-2008-1240633	Novel immumodulating strategies to treat malignant mesothelioma	Malattie rare Area A	AVIANO		797.000,00	510.000,00	75.000,00	72,33

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139	RF-ICH-2008-1205221	Dissection of cellular and molecular mechanisms underlying autoimmunity in primary immunodeficiencies and development of novel therapeutic approaches	Malattie rare Area A	HUMANITAS		688.000,00	611.000,00	77.000,00	72
140	RF-IST-2008-1224314	Local anticancer treatment of neuroblastoma with fibrin-delivered chemotherapy	Malattie rare Area A	I.S.T. GENOVA		714.293,15	429.773,65	0,00	72
141	RF-SDN-2008-1240972	Huntington's disease: insights into the neuroendocrine pathogenesis and clues for new therapeutical approaches.	Malattie rare Area A	SDN		644.000,00	509.000,00	80.000,00	72
142	RF-INN-2008-1263412	MOLECULAR CHARACTERIZATION OF DISTAL MYOPATHIES: CORRELATION WITH CLINICAL AND HISTOPATHOLOGICAL DATA AND WITH MUSCLE IMAGING	Malattie rare Area A	CARLO BESTA		465.200,00	281.440,00	0,00	72
143	RF-INP-2008-1206770	Identification and functional characterization of mutations of neuronal nicotinic acetylcholine receptors in agonistic soccer players affected by Amyotrophic Lateral Sclerosis	Malattie rare Area A	NEUROMED		345.650,00	166.650,00	0,00	71,67
144	RF-ASR-2008-1220282	Hereditary hearing loss of children: clinical and molecular study of syndromic and non-syndromic forms	Malattie rare Area A	Emilia-Romagna		722.000,00	285.500,00	0,00	71,67
145	RF-SDN-2008-1225798	Sequence-Capture Array coupled with high-throughput sequencing technology to identify new Idiopathic Pulmonary Arterial Hypertension-causing Genes and expand the molecular epidemiology of this disease	Malattie rare Area A	SDN		509.025,00	290.000,00	75.000,00	71,67
146	RF-INM-2008-1290668	IDENTIFICATION OF GENETIC FACTORS INFLUENCING EVOLUTION OF LATE-ONSET TYPE II GLYCOGENOSIS (GSDII)	Malattie rare Area A	MONDINO		343.600,00	204.500,00	0,00	71,67
147	RF-ICH-2008-1200219	Hirschsprung's disease as a model of neuro-immune dysfunctions in the gut: role of RET proto-oncogene in the correct development and maintenance of microbial homeostasis	Malattie rare Area A	HUMANITAS		918.214,00	620.060,00	5.000,00	71,33
148	RF-INT-2008-1200226	Ataxia Telangiectasia and Werner Syndrome: underlying mechanisms responsible for diabetes and premature ageing	Malattie rare Area A	ISTITUTO TUMORI MILANO		605.977,00	364.340,00	130.000,00	71,33
149	RF-IGG-2008-1205467	Genome-wide studies for the identification of Schizencephaly (SCH) candidate genes	Malattie rare Area A	GASLINI		405.817,00	251.917,00	0,00	71,33
150	RF-PAT-2008-1218281	Development of new splicing-modulation approaches for the therapy of lysosomal storage diseases.	Malattie rare Area A	Provincia autonoma Trento		647.600,00	429.000,00	0,00	71,33

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151	RF-OMM-2008-1232311	Models for the study and prevention of rare disorders of erythropoiesis and iron metabolism	Malattie rare Area A	MAGGIORE		904.000,00	800.000,00	90.000,00	71,33
152	RF-INN-2008-1233208	Establishment of motor neurons/glial cells from genetic and sporadic amyotrophic lateral sclerosis patients' fibroblasts and their use for in vitro functional characterization and for testing the efficacy of neuroprotective molecules.	Malattie rare Area A	CARLO BESTA		963.194,95	579.538,00	0,00	71,33
153	RF-IRE-2008-1276822	Inter-individual variability in ovarian cancer medical treatment.	Malattie rare Area A	REGINA ELENA		642.000,00	430.000,00	0,00	71,33
154	RF-IST-2008-1199102	CHARACTERIZATION AND COMPLEMENTATION OF THE MOLECULAR DEFECTS IN COCKAYNE SYNDROME, A RARE TRANSCRIPTION/REPAIR DISEASE	Malattie rare Area A	I.S.T. GENOVA		776.347,29	507.000,00	48.000,00	71
155	RF-FSR-2008-1201987	A pre-clinical model for facioscapulohumeral muscular dystrophy (FSHD).	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		600.000,00	400.000,00	200.000,00	71
156	RF-IST-2008-1204942	Role of genes controlling proliferation and differentiaton in the initiation and progression of glioblastoma	Malattie rare Area A	I.S.T. GENOVA		792.703,00	279.557,00	142.500,00	71
157	RF-MAU-2008-1210177	Cellular models and experimental therapies for cardiac sodium channel mutations associated with inherited arrhythmogenic diseases	Malattie rare Area A	MAUGERI		1.053.700,00	673.350,00	0,00	71
158	RF-ABR-2008-1225297	The Aarskog-Scott syndrome from basic research to the clinic: improving diagnostic tools and searching for pharmacological targets	Malattie rare Area A	Abruzzo		969.503,00	800.000,00	20.000,00	71
159	RF-IZP-2008-1238121	A NEW TRANSGENIC SWINE MODEL OF AMYOTROPHIC LATERAL SCLEROSIS (ALS)	Malattie rare Area A	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta		928.494,00	630.179,00	0,00	71
160	RF-FVG-2008-1200521	IMPROVEMENT OF GENETIC TESTING, IDENTIFICATION OF DISEASE MECHANISMS AND PROPOSAL OF INNOVATIVE THERAPEUTIC APPROACHES FOR ANIRIDIA, A SEVERE OCULAR DISEASE	Malattie rare Area A	Friuli-Venezia Giulia		561.500,00	328.500,00	20.000,00	70,67

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161	RF-FSR-2008-1217707	Mouse models for the study of neuroferritinopathy: an in vitro and in vivo characterization of the relationship between altered iron metabolism and neurodegeneration	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		745.000,00	500.000,00	45.000,00	70,67
162	RF-ABR-2008-1271781	SEARCH FOR DELETIONS/ DUPLICATIONS SYNDROMES AND PATIENT FOLLOW UP MANAGEMENT	Malattie rare Area A	Abruzzo		363.580,00	316.580,00	0,00	70,67
163	RF-FSL-2008-1240518	Pharmacological convergency on multiple toxic pathways as a novel strategy in amyotrophic lateral sclerosis (ALS)	Malattie rare Area A	SANTA LUCIA		660.000,00	600.000,00	50.000,00	70,33
164	RF-IRE-2008-1238200	Hereditary breast/ovary and colorectal cancer: molecular characterization of novel genetic variants to improve cancer screening and surveillance programs	Malattie rare Area A	REGINA ELENA		1.479.600,00	450.000,00	20.000,00	70
165	RF-IOG-2008-1199614	Multidisciplinary assessment of ectodermal dysplasia:clinical,immunogenetical and radiological diagnosis to provide phenotypic and genetic reciprocal relation, to define parameters for optimal implant -prosthetic rehabilitation in growing and adult patients	Malattie rare Area A	GALEAZZI		547.800,00	438.000,00	10.000,00	69,67
166	RF-OPG-2008-1207203	Development of trafficking based therapeutic strategies to restore MLC1 membrane protein expression in MLC affected patients	Malattie rare Area A	OSPEDALE BAMBINO GESU'		752.600,00	406.600,00	51.000,00	69,67
167	RF-SIC-2008-1211212	Disease definition, diagnostic labeling and phenotypic characterization of severe refractory asthma. Gruppo Italiano per lo Studio dell'Asma Grave: GISAG DDF Study	Malattie rare Area A	Sicilia		577.510,00	392.510,00	15.000,00	69,67
168	RF-OIP-2008-1227883	MEVALONATE KINASE DEFICIENCY AND IMMUNE HOMEOSTASIS: PATHOGENIC STUDY AND DEVELOPMENT OF NEW THERAPIES	Malattie rare Area A	BURLO GAROFALO		535.000,00	404.000,00	0,00	69,67
169	RF-SAR-2008-1245333	IDENTIFICATION OF MOLECULAR DEFECTS UNDERLYING PLURIMALFORMATIVE SYNDROMES WITH MENTAL RETARDATION AND / OR AUTISM IN THE SARDINIAN POPULATION	Malattie rare Area A	Sardegna		712.000,00	601.000,00	0,00	69,67
170	RF-EMR-2008-1204640	DUCTOPENIA OF THE ADULT: CHARACTERIZATION OF GENETIC ALTERATIONS, MOLECULAR MECHANISMS, AND DEFINITION OF GENOTYPE TO PHENOTYPE CORRELATIONS	Malattie rare Area A	Emilia-Romagna		385.000,00	276.000,00	0,00	69,33

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171	RF-LOM-2008-1251614	LCAT DEFICIENCY, A RARE INHERITED DISORDER ASSOCIATED WITH PROGRESSIVE KIDNEY DISEASE: PHENOTYPIC HETEROGENEITY, PATHOGENESIS OF RENAL DAMAGE AND THERAPEUTIC DEVELOPMENTS	Malattie rare Area A	Lombardia		739.550,00	523.550,00	0,00	69,33
172	RF-IAI-2008-1200516	Study of the pathogenetic mechanisms underlying the rare disease associated with ring 20 mosaicism and characterized by a typical epileptic phenotype	Malattie rare Area A	AUXOLOGICO		737.000,00	417.000,00	0,00	69
173	RF-OMM-2008-1201173	A comprehensive analysis of intraglomerular signaling to understand the etiopathogenesis of idiopathic focal segmental glomerulosclerosis resistant to therapy.	Malattie rare Area A	MAGGIORE		1.556.222,98	844.414,00	180.000,00	69
174	RF-EMR-2008-1210882	HUMAN NEURAL STEM CELLS FROM PRECLINICAL ANIMAL MODELS TO CLINICAL TRIALS IN AMYOTROPHIC LATERAL SCLEROSIS PATIENTS	Malattie rare Area A	Emilia-Romagna		793.150,00	452.650,00	0,00	68,67
175	RF-OMM-2008-1263422	A new pharmacological approach for improvement of Crohn's disease	Malattie rare Area A	MAGGIORE		612.539,00	473.000,00	0,00	68,5
176	RF-IGG-2008-1208267	Role of metabotropic glutamate receptor subtype 1 in the pathophysiology of genetic cerebellar ataxias: new targets for pharmacological therapy.	Malattie rare Area A	GASLINI		481.159,00	300.000,00	0,00	68,33
177	RF-INM-2008-1253396	A study of cerebral malformations through high-throughput DNA techniques: corpus callosum agenesis (RNG100), epilepsy (RN0720, RF0060), lissencephaly and heterotopia (RN0050), cerebellar hypoplasia (RN0030)	Malattie rare Area A	MONDINO		751.500,00	400.000,00	0,00	68,33
178	RF-VEN-2008-1205679	A flow chart for characterizing genetically unexplained cases of von Willebrand disease	Malattie rare Area A	Veneto		519.067,00	329.067,00	0,00	68
179	RF-SIC-2008-1208658	CLINICAL AND GLYCOPROTEOMIC CHARACTERIZATION OF CONGENITAL DISORDERS OF GLYCOSYLATION: A TOOL FOR EARLY DIAGNOSIS AND NOVEL DISEASE DEFINITION.	Malattie rare Area A	Sicilia		451.000,00	317.000,00	134.000,00	68
180	RF-SIC-2008-1202961	GENE THERAPY FOR BETA-THALASSEMIA MAJOR: STRATEGIES FOR OPTIMIZING EFFECTIVENESS AND SAFETY OF RECOMBINANT BETA GLOBIN /LENTIVIRAL VECTORS.	Malattie rare Area A	Sicilia		767.000,00	638.000,00	0,00	67,67

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181	RF-INT-2008-1205586	Identification of new prognostic markers and therapeutic targets in mucosal melanoma of the head and neck	Malattie rare Area A	ISTITUTO TUMORI MILANO		559.850,00	211.750,00	50.000,00	67,67
182	RF-SAR-2008-1242284	The role of ATP7B gene promoter in the Copper resistance. Implications for Wilson Disease phenotype variability and new therapeutic strategies for personalized treatment.	Malattie rare Area A	Sardegna		102.000,00	102.000,00	0,00	67,67
183	RF-PIE-2008-1245972	Improving the understanding and the management of Brugada syndrome in patients and their families: from the ECG alterations to genetic diagnosis to molecular expression and biophysical investigations of the SCN5A sodium channel carrying relevant mutations	Malattie rare Area A	Piemonte		421.565,00	381.565,00	35.000,00	67,67
184	RF-INN-2008-1261441	Motor neuron death in Spinal Muscular Atrophy (SMA): an integrated approach to understand basic mechanisms and devise novel therapeutic strategies	Malattie rare Area A	CARLO BESTA		919.240,00	512.800,00	0,00	67,67
185	RF-ICH-2008-1275811	DEVELOPMENT OF MOLECULAR SIGNATURES AS A TOOL FOR MORE EFFICIENT CARE IN THE TREATMENT OF RARE FORMS OF CANCER	Malattie rare Area A	HUMANITAS		440.000,00	440.000,00	0,00	67,67
186	RF-IST-2008-1199164	Understanding Osteogenesis Imperfecta: novel diagnostic and research perspectives.	Malattie rare Area A	I.S.T. GENOVA		809.139,00	420.245,00	0,00	67,33
187	RF-CGF-2008-1205922	Molecular and cellular mechanisms in the pathophysiology of Frontotemporal dementia and their implication for disease prevention strategies: an integrated approach from human subjects to animal models	Malattie rare Area A	FATEBENEFRATELLI		676.000,00	376.000,00	112.000,00	67,33
188	RF-OGR-2008-1214520	MOLECULAR DETERMINANTS OF RESPONSE TO DESMOPRESSIN IN PATIENTS WITH MILD HEMOPHILIA A	Malattie rare Area A	CASA SOLLIEVO SOFFERENZA		396.000,00	213.000,00	90.600,00	67,33
189	RF-ISR-2008-1250668	Dissection of molecular mechanisms involved in recurrent viral-bacterial infections in cystic fibrosis and their role in disease progression	Malattie rare Area A	SAN RAFFAELE PISANA		989.250,00	400.000,00	20.000,00	67,33
190	RF-MAU-2008-1206435	Regeneration of cutaneous nerve fibers in patients affected by Friedreich ataxia.	Malattie rare Area A	MAUGERI		435.000,00	285.000,00	0,00	67
191	RF-ISS-2008-1212534	NEW STRATEGY FOR DRUG DELIVERY IN PHOTODYNAMIC THERAPY OF HUMAN GLIOMAS	Malattie rare Area A	Istituto Superiore di Sanita'		757.237,00	380.000,00	0,00	67

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192	RF-SDN-2008-1251009	MRI AND EEG-EMG MARKERS FOR THE DIAGNOSIS AND PROGNOSIS IN YOUNG-ONSET TORSION DYSTONIA (PREDICT)	Malattie rare Area A	SDN		400.000,00	280.000,00	120.000,00	67
193	RF-PAS-2008-1246217	Chemoprevention of prooxidant states and disease progression by means of alpha-lipoic acid and ubiquinone administration in WrnDhel/Dhel mice mimicking human Werner syndrome.	Malattie rare Area A	PASCALE		747.000,00	614.000,00	0,00	66,67
194	RF-IST-2008-1203226	Identification and validation of the microRNA component of human p63-associated ectodermal dysplasias	Malattie rare Area A	I.S.T. GENOVA		376.520,00	207.984,00	35.000,00	65,67
195	RF-ICH-2008-1204953	microRNA associated with primary sclerosing cholangitis: Identification and diagnostic/prognostic potential	Malattie rare Area A	HUMANITAS		438.728,00	410.000,00	28.728,00	65,67
196	RF-AOM-2008-1219502	Molecular characterization of known and new putative candidate involved in Rett Syndrome and detection of modifier genes involved in the different clinical subtypes	Malattie rare Area A	OASI MARIA S.S.		858.917,00	610.000,00	89.000,00	65,67
197	RF-FSR-2008-1207621	Modelling the TSC/PKD contiguous gene syndrome to gain insights into its pathogenesis and develop novel therapeutic approaches.	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		500.000,00	400.000,00	100.000,00	65
198	RF-MAU-2008-1214769	Rare Acquired Sensory Neuropathies. Effects of Sensory Deficit on Balance and Movement Coordination	Malattie rare Area A	MAUGERI		421.000,00	299.000,00	0,00	65
199	RF-FSR-2008-1228065	Role of chromogranin A in neuroendocrine tumor pathophysiology and response to chemotherapy and immunotherapy	Malattie rare Area A	SAN RAFFAELE MONTE TABOR		609.800,00	487.800,00	122.000,00	64,67
200	RF-IEM-2008-1216871	Pathogenic Mechanisms, Neuroimaging signature and Disability profile of motorneuron diseases with early onset	Malattie rare Area A	MEDEA		1.204.600,00	650.000,00	50.000,00	64,33
201	RF-LAZ-2008-1246137	EVALUATION OF THE POTENTIAL NEUROPROTECTIVE EFFECT OF SALBUTAMOL, A BETA-2 ADRENERGIC AGONIST, IN A NEURONAL CELLULAR MODEL OF SPINAL MUSCULAR ATROPHY	Malattie rare Area A	Lazio		230.000,00	230.000,00	0,00	64
202	RF-OMM-2008-1217913	Rare bleeding disorders: clinical and molecular characterization and development of new therapeutic strategies	Malattie rare Area A	MAGGIORE		469.700,00	469.700,00	0,00	63,33

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203	RF-OMM-2008-1252547	INTEGRATION OF CLINICAL, MOLECULAR AND STEM CELL BASED IN VITRO APPROACHES FOR DIAGNOSIS AND THERAPY OF DUCHENNE MUSCULAR DYSTROPHY AND RELATED DYSTROPHINOPATHIES	Malattie rare Area A	MAGGIORE		1.490.000,00	800.000,00	40.000,00	63,33
204	RF-SDN-2008-1277693	Magnetic Resonance and 18FDG-PET Imaging for Staging and Follow-Up of Systemic Mastocytosis: Correlation with Pathology Data and Serum Biomarkers	Malattie rare Area A	SDN		559.000,00	434.000,00	60.000,00	63,33
205	RF-FCG-2008-1234492	AN INTEGRATED GENETIC, NEUROPHYSIOLOGICAL AND NEUROPSYCHOLOGICAL APPROACH TO THE IDENTIFICATION OF NOVEL MOLECULAR PLAYERS IN ATYPICAL RETT SYNDROME	Malattie rare Area A	DON GNOCCHI		687.124,00	512.000,00	0,00	62,67
206	RF-ISS-2008-1228460	SEARCH, IDENTIFICATION, AND CHARACTERIZATION OF MOLECULAR MARKERS FOR HUMAN PRION DISORDERS	Malattie rare Area A	Istituto Superiore di Sanita'		826.500,00	405.400,00	525.360,00	62
207	RF-SIC-2008-1212373	FUNCTIONAL ASPECTS OF THE CLN8 PROTEIN INVOLVED IN THE VARIANT LATE-INFANTILE NEURONAL CEROID LIPOFUSCINOSIS (vLINCL): CHARACTERIZATION OF THE INTERACTION WITH VAPS PROTEINS AND POSSIBLE IMPLICATIONS IN AMYOTROPHIC LATERAL SCLEROSIS.	Malattie rare Area A	Sicilia		439.972,00	340.000,00	0,00	61,33
208	RF-ISS-2008-1225788	INNOVATIVE THERAPEUTIC TARGETS FOR HUNTINGTON'S DISEASE: INVESTIGATING THE ROLE OF PURINERGIC P2 RECEPTORS	Malattie rare Area A	Istituto Superiore di Sanita'		1.229.000,00	602.000,00	200.000,00	61
209	RF-BAS-2008-1260590	GROWTH HORMONE RESERVE AND CARDIAC MRI ASSESSMENT IN ADULT BETA-THALASSAEMIA PATIENTS WITH SEVERE GH DEFICIENCY	Malattie rare Area A	Basilicata		530.787,50	305.787,50	0,00	61
210	RF-ISS-2008-1266173	rare disease: infant botulism	Malattie rare Area A	Istituto Superiore di Sanita'		809.704,00	479.704,00	330.000,00	60,67

Rank	Code	Title	Area	Institution	MINISTRY FINAL BUDGET	Total fund	Ministry Request fund	Confinancing fund	Eval Average
211	RF-FSM-2008-1257484	NEUROCOGNITIVE DEVELOPMENT,_BEHAVIOR,_SOMATIC FEATURES, SPECTRUM OF EPILEPSY, AND MOLECULAR CYTOGENETICS IN INV DUP(15) OR IDIC(15) SYNDROME (TETRASOMY 15Q SYNDROME). PHENOTYPE-GENOTYPE CORRELATIONS AND NATURAL HISTORY	Malattie rare Area A	STELLA MARIS		519.700,00	252.700,00	0,00	60,33
212	RF-IGG-2008-1198782	FIBRODYSPLASIA OSSIFICANS PROGRESSIVA: STUDY OF PATHOGENIC MECHANISMS AND THERAPEUTIC APPROACHES	Malattie rare Area A	GASLINI		795.231,00	476.700,00	0,00	59,33
213	RF-ISS-2008-1239517	MicroRNAs and rare pediatric liver tumors	Malattie rare Area A	tituto Superiore di Sanita'		450050	268050,00	0,00	59
214	RF-ISS-2008-1247370	Salivary gland tumors: a molecular and molecular-cytogenetic approach to identify genetic markers for diagnosis and prognosis	Malattie rare Area A	tituto Superiore di Sanita'		868356,36	352575,00	110.000,00	59
215	RF-TOS-2008-1217716	ANALYSIS OF THE ROLE OF HYPOXIA-INDUCIBLE FACTOR 1 ALPHA GENE (HIF-1ALPHA) IN MOTOR NEURON DEGENERATION IN AMYOTROPHIC LATERAL SCLEROSIS. CORRELATION WITH NEUROPHYSIOLOGICAL DATA AND CLINICAL COURSE OF THE DISEASE.	Malattie rare Area A	Toscana		511000	257000,00	0,00	58,5
216	RF-EMR-2008-1223982	PLACENTAL MOLECULAR TARGETS FOR THE PREVENTION OF THE FETAL COMPLICATIONS OF INTRAHEPATIC CHOLESTASIS OF PREGNANCY	Malattie rare Area A	Emilia-Romagna		412100	267000,00	0,00	58,5
217	RF-OMM-2008-1274019	Involvement of SEC23B gene in congenital dyserythropoietic anemia type II (CDAII): function, regulation and genotype-phenotype correlation.	Malattie rare Area A	MAGGIORE		165000	165000,00	0,00	58,33
218	RF-VEN-2008-1205267	IDENTIFICATION AND CHARACTERIZATION OF NEW MOLECULAR TARGETS FOR REACTIVE OXYGEN SPECIES IN ERYTHROCYTES FROM SICKLE CELL DISEASE (SCD)	Malattie rare Area A	Veneto		418000	270000,00	20.000,00	57,67
219	RF-SIC-2008-1229111	Corneal and conjunctival abnormalities in Fabry disease: new perspectives with in vivo confocal microscopy	Malattie rare Area A	Sicilia		405000	405000,00	5.000,00	57,67
220	RF-SDN-2008-1252892	Cancer stem cells as model system to study chemotherapeutic responsiveness of neuroectodermic tumors	Malattie rare Area A	SDN		951200	690000,00	0,00	57,33

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221	RF-ISS-2008-1226652	MECHANISMS OF NEURONAL DEATH IN NIEMANN-PICK C DISEASE: FROM MOLECULES TO CLINIC.	Malattie rare Area A	tituto Superiore di Sanita'		1075800	530000,00	20.000,00	57
222	RF-ISR-2008-1249723	Innovative clinical and laboratory biomarkers of diagnostic and prognostic value in primary rare systemic vasculitides	Malattie rare Area A	SAN RAFFAELE PISANA		2060750	630000,00	0,00	57
223	RF-EMR-2008-1204893	DNA repair as a target for therapy of Acute and Chronic Myeloid Leukemias	Malattie rare Area A	Emilia-Romagna		357207	211000,00	0,00	56,67
224	RF-INM-2008-1215498	The neurophysiological basis of autistic dysfunction in genetic animal models and human subjects	Malattie rare Area A	MONDINO		485500	343500,00	0,00	56,67
225	RF-IOG-2008-1204311	New diagnostic DNA-based molecular approach to monitor minimal residual disease of chronic myeloid leukemia: tyrosine kinase inhibitors related to bone metabolism in vivo and in vitro	Malattie rare Area A	GALEAZZI		413000	368500,00	0,00	56,33
226	RF-SIC-2008-1205819	IDENTIFICATION OF MOLECULAR SIGNATURE IN AMYOTROPHIC LATERAL SCLEROSIS	Malattie rare Area A	Sicilia		20900	20900,00	40.000,00	56,33
227	RF-CAM-2008-1226771	Mininvasive colorectal surgery for familial adenomatous polyposis: comparison of results between Hand-assisted and laparoscopic approach	Malattie rare Area A	Campania		232000	232000,00	0,00	56
228	RF-SIC-2008-1236627	THE NON COMPACTION OF THE LEFT VENTRICLE	Malattie rare Area A	Sicilia		790000	790000,00	0,00	56
229	RF-SIC-2008-1222880	MUTATIONAL ANALISYS OF GENES PKD1 E PKD2 IN SICILIAN POPULATION WITH POLICISTIC KIDNEY DISEASE	Malattie rare Area A	Sicilia		374000	374000,00	0,00	55,67
230	RF-SDN-2008-1279179	Study of the T-cell ontogeny defect in the murine and human Nude/SCID and in the DiGeorge syndromes	Malattie rare Area A	SDN		620600	600000,00	0,00	55
231	RF-OGR-2008-1218170	Identification of genomic regions and candidate genes responsible for Alternating Hemiplegia of Childhood (AHC) using high resolution microarray-based technique	Malattie rare Area A	A SOLLIEVO SOFFERENZA		581500	318000,00	0,00	54,5
232	RF-IGG-2008-1199909	Liver targeted cell therapy: applications to experimental Glycogen Storage Disease type 1a	Malattie rare Area A	GASLINI		439000	361000,00	0,00	53
233	RF-ISS-2008-1258212	STRATEGY OF PREVENTION OF CELIAC DISEASE: INDUCTION OF ORAL TOLERANCE TO GLUTEN BY EARLY DIETARY INTERVENTION	Malattie rare Area A	tituto Superiore di Sanita'		500000	400000,00	100.000,00	51,67

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234	RF-CAM-2008-1231291	HYPERTENSION AND CARDIO-VASCULAR INVOLVEMENT IN FAMILIAR NEUROFIBROMATOSIS TYPE 1. CLINICAL-GENETIC STUDY IN PEDIATRIC AGE	Malattie rare Area A	Campania		0	0,00	0,00	51
235	RF-LOM-2008-1267111	Application of intelligent agents (artificial neural networks) in sporadic amyotrophic lateral sclerosis for the identification of specific genetic background	Malattie rare Area A	Lombardia		486500	248000,00	0,00	51
236	RF-IRE-2008-1273064	The role of new imaging techniques in the diagnosis of malignant gliomas and the evaluation of treatment activity: clinical experience and experimental models	Malattie rare Area A	REGINA ELENA		681500	415000,00	0,00	50,67
237	RF-IMG-2008-1224395	Merkel tumor: epidemiological, clinical, molecular and oncogenetic aspects	Malattie rare Area A	SAN GALLICANO		1561000	840000,00	0,00	50,33
238	RF-LAZ-2008-1290202	IDIOPATHIC ACHALASIA: MORPHOLOGIC AND GENETIC ASPECTS CAN IDENTIFY DIFFERENT TYPES OF DISEASE AND MAY BE PREDICTORS OF TREATMENT OUTCOME	Malattie rare Area A	Lazio		243445	243445,00	0,00	50
239	RF-PUG-2008-1266004	ALTERATION OF CELLULAR ENERGY METABOLISM IN SUBJECTS WITH MULTIPLE CONGENITAL ANOMALIES AND MENTAL RETARD: DIAGNOSTIC AND THERAPEUTICAL PERSPECTIVES	Malattie rare Area A	Puglia		646850	400000,00	50.000,00	49,5
240	RF-SIC-2008-1208071	GENETICS OF HETEROMERIC CONNEXONS IN NONSYNDROMIC HEARING LOSS	Malattie rare Area A	Sicilia		438000	438000,00	0,00	49
241	RF-OPG-2008-1288883	Role of candidate genes involved in the chromosome ring 17 syndrome in related human pathology	Malattie rare Area A	PEDALE BAMBINO GESU'		100000	100000,00	0,00	46
242	RF-ISS-2008-1269830	AN INTEGRATED EXPERIMENTAL APPROACH FOR THE EVALUATION OF RISK FACTORS IN THE ETIOPATHOGENESIS OF AMYOTROPHIC LATERAL SCLEROSIS	Malattie rare Area A	tituto Superiore di Sanita'		1639455	671400,00	0,00	45,33
243	RF-IOR-2008-1249915	SCOLIOSIS CAUSED BY NEUROFIBROMATOSIS: CREATION OF A CLINICAL DIAGNOSTIC ITER AND DEVELOPMENT OF SURGICAL TREATMENT GUIDELINES	Malattie rare Area A	RIZZOLI		195000	195000,00	0,00	41,67
244	RF-IZM-2008-1273080	SYRIAN HAMSTER INFECTED WITH LEISHMANIA INFANTUM: A NEW EXPERIMENTAL MODEL FOR HUMAN POLYMYOSITIS	Malattie rare Area A	filattico Sperimentale del Mezzogiorno		739613,2	362962,00	0,00	37

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245	RF-ASR-2008-1221284	INUSUAL RARE DISEASES IN UNKNOWN AND YOUNG PEOPLE STROKE : EPIDEMIOLOGY ,PHISIOPATOLOGY, DIAGNOSTIC AND THERAPEUTIC ASPECTS IN CADASIL ,FABRY , EHLERS DANLOS_____ _____	Malattie rare Area A	Emilia-Romagna		208000	90000,00	10.000,00	35
246	RF-CRB-2008-1271285	POTENTIAL ONCOGENIC ROLE OF THE X-SCID GAMMA CHAIN GENE	Malattie rare Area A	CROB		600000	280000,00	0,00	21