



4) Study Session

4.5 Progetti Giovani Ricercatori

Comitato di Valutazione

Verbale

Elenco motivazioni



Ministero della Salute

DIPARTIMENTO DELLA SANITA' PUBBLICA E DELL'INNOVAZIONE
Direzione Generale della Ricerca Sanitaria e Biomedica e della Vigilanza sugli Enti

COMITATO DI VALUTAZIONE PROGETTI GIOVANI RICERCATORI

BANDO RF 2011-2012

(ex D.M. 4 dicembre 2013)

VERBALE STUDY SESSION 19 e 20 DICEMBRE 2013

I giorni **19 e 20 dicembre 2013** alle ore **9,00**, presso la Stanza A325 del Ministero della Salute, sito in Roma in Via Giorgio Ribotta, 5, si è riunito il Comitato di Valutazione per i progetti “giovani ricercatori”, afferenti al Bando R.F. 2011-12, nella composizione di cui al D.M. 4 dicembre 2013.

Partecipano i componenti di seguito riportati:

Dott. Amedeo ANSELMI

Dott.ssa Maria Domenica CASTELLONE

Dott.ssa Bruna CORRADETTI

Dott.ssa Chiara GABBI (Presidente)

Dott.ssa Cristina Costanza Giovanna GERVASINI

Dott. Giovanni LI VOLTI

Dott. Francesco RICCI

Dott. Aldo Maria ROCCARO

Dott.ssa Francesca TARABALLI

La Dott.ssa Mariangela CHISARI risulta assente giustificata, a seguito della comunicazione di sopraggiunte impossibilità alla partecipazione pervenuta via mail in data 11 dicembre u.s. (All.1).

Il **Dott. Massimo Casciello**, Direttore Generale della Ricerca Sanitaria e Biomedica e della Vigilanza sugli Enti, porge il benvenuto ai presenti e comunica che la conduzione della study session sarà affidata alla Dott.ssa Chiara Gabbi in qualità di Presidente del Comitato di che trattasi, al Dott. Gaetano Gugliemi, direttore dell’Ufficio III in qualità di referente del processo di valutazione e alla Dott.ssa Maria Novella Luciani, Direttore dell’Ufficio IV, referente per i dettagli organizzativi e per i rapporti nella fase audit con la Commissione Nazionale per la Ricerca Sanitaria.

Gugliemi, nel salutare i componenti specifica le procedure di assegnazione e di valutazione effettuate dai referees per i progetti “Giovani Ricercatori” presentati nel Bando Ricerca Finalizzata 2011-2012, puntualizzando che i progetti presentati in questa sezione sono in totale 1218 (All. n. 2) di cui 3 con una sola valutazione e 283 con due valutazioni ma senza F2F (face to face) concluso.

Comunica, preliminarmente, le procedure da seguire nel corso della study session e, presentata ai componenti la situazione del referaggio effettuato, espone le modalità di accesso al sistema, per le quali sono attribuite a ciascun membro le proprie credenziali informatiche.

Rappresenta, inoltre, che per la prima volta è stato attivato un sistema di Editors che ha controllato la corrispondenza dei punteggi dati, in rispetto alle linee guida e che eventuali non corrispondenze saranno indicate alla study session attraverso una specifica segnalazione nel cruscotto di valutazione.

La **Dott.ssa Chiara Gabbi** dà avvio alla discussione per la definizione collegiale dei criteri da seguire nel corso dei lavori.

Il Comitato prende quindi atto che i progetti

- **GR-2011-02351574;**
- **GR-2011-02349820;**
- **GR-2011-02349079;**
- **GR-2011-02352165;**
- **GR-2011-02349383**

sono stati posti in valutazione in via cautelativa e che la decisione finale sul rispetto dei requisiti amministrativi previsti dal Bando è di competenza della Commissione Nazionale Ricerca Sanitaria.

Il Comitato assegna, poi, i seguenti progetti con una sola valutazione, affinché al termine possa risultare che tutti i progetti abbiano due valutazioni individuali e indipendenti:

- **GR-2011-02348302;**
- **GR-2011-02348675;**
- **GR-2011-02351822**

I commissari, dopo aver esaminato i progetti con un solo giudizio, avviano un'ampia discussione collegiale al fine di condividere il punteggio finale da assegnare.

Il Comitato, successivamente, passa all'esame dei progetti primariamente con due valutazioni senza face to face concluso (All. n. 3).

Il Comitato decide, altresì, di rivedere tra tali progetti con particolare attenzione quelli con entrambi i giudizi con un delta superiore a 5.

Alle ore 12 del 19 dicembre 2013, **il Ministro** porge i saluti e augura buon lavoro ai partecipanti, ringraziandoli della fattiva collaborazione e sottolineando l'importanza e l'eccellenza dell'attività di ricerca svolta anche all'estero dai giovani ricercatori italiani.

I lavori vengono sospesi alle ore **19,00** del **19 dicembre 2013** e riprendono alle ore **09,00** del **20 dicembre 2013**.

Il Comitato procede quindi alla rivalutazione di n. 6 progetti il cui giudizio del face to face risulta sospeso perché "rifiutato" da uno dei due referee. Si tratta dei seguenti progetti:

- **GR-2011-02347131**
- **GR-2011-02347678**
- **GR-2011-02348356**
- **GR-2011-02350534**
- **GR-2011-02352118**
- **GR-2011-02352299**

Concluse tutte le fasi di valutazione viene visualizzata la situazione completa di tutti i progetti.

Dopo ulteriore verifica della coerenza del giudizio espresso dai referee sia nelle valutazioni individuali che nel face to face con il punteggio attribuito, il Comitato di Valutazione “Giovani Ricercatori” collegialmente procede alla stesura dei relativi commenti di valutazione (All. n. 4) e alla stesura della graduatoria finale, approvandola, come da elenco allegato al presente verbale come parte integrante dello stesso (All. n. 5).

Il Comitato suggerisce quindi, tenuto conto dell’elevata qualità scientifica dei progetti presentati, di proporre alla Commissione Nazionale per la Ricerca Sanitaria di assicurare il finanziamento di tutti i progetti con un final score pari a 12 eventualmente anche attraverso una riduzione economica che, comunque, non infici la loro realizzazione.

Il Presidente chiude i lavori della study session del Comitato di Valutazione dei progetti “Giovani Ricercatori” alle ore 18,00 del 20 dicembre 2013.

Roma, 20 dicembre 2013

IL PRESIDENTE

Dott.ssa Chiara Gabbi
F.to GABBI

I COMPONENTI:

Dott. Amedeo ANSELMI _____ F.to ANSELMI

Dott.ssa Maria Domenica CASTELLONE _____ F.to CASTELLONE

Dott.ssa Mariangela CHISARI _____ **ASSENTE GIUSTIFICATA**

Dott.ssa Bruna CORRADETTI _____ F.to CORRADETTI

Dott.ssa Cristina Costanza Giovanna GERVASINI _____ F.to GERVASINI

Dott. Giovanni LI VOLTI _____ F.to LI VOLTI

Dott. Francesco RICCI _____ F.to RICCI

Dott. Aldo Maria ROCCARO _____ F.to ROCCARO

Dott.ssa Francesca TARABALLI _____ F.to TARABALLI

BANDO RICERCA FINALIZZATA-GIOVANI RICERCATORI 2011-2012
COMITATO VALUTAZIONE GIOVANI RICERCATORI
Elenco Motivazioni

GR-2011-02346749

IDENTIFICATION OF NEW GENES FOR RARE NEURODEVELOPMENTAL DISORDERS BY HOMOZIGOSITY MAPPING/NEXT GENERATION SEQUENCING AND FUNCTIONAL STUDIES IN ZEBRAFISH

Status F2F: In progress

This project focuses on use of a multimethod approach to discover novel causative genes in neurodevelopmental disorders. The topic is relevant to National Health System and appears feasible.

The methodology includes homozigosity mapping, NGS and Zebrafish model.

Beside the limited originality to use NGS to identify novel responsible genes, the impact of the outcome make the study a potentially important project. The rationale is well defined, the facilities and the budget are adequate.

Strenghts include the preliminary data, focusing on a similar exploratory-study, and the adequate profile of the PI and his team/collaborators (UO1 and UO2).

Weakness include the poor information about the specific selection of families to be enrolled in the study.

The impact of the identification of novel genes responsible of neurodevelopmental disorders could be important for a better diagnosis and therapeutic approach in the future.

After reviewing the scores and the comments of both the reviewers, the committee agree with the score of reviewer 2 and agree with a final score of 10.

Final Score: 10

GR-2011-02346799

Role of type I IFN in dictating the immunogenicity and therapeutic efficacy of chemotherapy: from animal models to humans

Status F2F: In progress

The objective of the present proposal is to investigate whether the immunogenic potential and, consequently, the therapeutic success of defined chemotherapeutic drugs resides in the early induction of type I IFN within tumor bed and to elucidate the underlying molecular mechanisms. The PI has a very good publication track record and exceptional collaborators. Istituto Superiore di Sanità is an outstanding environment for the proposed studies. Budget is appropriate. After reading the scores and the comments of the reviewers, the committee agrees with the final score of 14.75. Final Score: 14,75

GR-2011-02346806

Contrast enhanced ultrasound (CEUS) in neurosurgery: characterization of brain gliomas and role in tumor resection

Status F2F: In progress

After reviewing the scores of the reviewers, the committee agree with the proposed final score of the F2F Final Score: 21,5

GR-2011-02346826

Pleiotropic transcriptional control mechanisms of CD49d expression in trisomy 12 chronic lymphocytic leukemia: implications for novel therapeutic approaches

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 11,75

GR-2011-02346845

Towards the prediction of dyslipidemia from next generation sequencing data

Status F2F: In progress

This study aims to establish a novel diagnostic protocol for the prediction of dyslipidemia from genetic predispositions. The proposal is of high scientific quality. The team members are appropriate in terms of availability and complementarities of all the relevant expertise, and in how the different roles and responsibilities are distinguished. The applicant is well established in the field. Budget is adequate. The committee proposes a final score of 10.00.

Final Score: 10

GR-2011-02346850

Identification of new biomarkers to monitor cardiovascular (CV) and renal events in Type 2 diabetic patients and evaluation of the specific role of the gut microbiome

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,25

GR-2011-02346853

Role of neutrophils in atherosclerotic plaque development and progression: friends or foes?

Status F2F: In progress

After reading the scores and the comments of the Reviewers, the Committee agrees with the final score of 16.5 issued from the face-to-face forum. Final Score: 16,5

GR-2011-02346858

Cerebral Amyloid Angiopathy-related inflammation as a human spontaneous model of amyloid-related imaging abnormalities (ARIA): identification of new biomarkers for patients stratification and follow-up in A β -disease modifying therapies

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13,25

GR-2011-02346868

CHEMOPREVENTION AND PRE-CANCEROUS LESIONS: DEVELOPING BIOMARKERS TO MONITOR DIETARY MODIFICATIONS FOR THE PREVENTION OF CERVICAL CANCER

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16,25

GR-2011-02346890

Indoleamine 2,3-Dioxygenase and Peripheral Tolerance to Exogenous Factor VIII: a Multi-Centre Study

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12,75

GR-2011-02346920

AUTOPHAGY CONTRIBUTION TO BREAST CANCER STEM CELLS BEHAVIOUR

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13,25

GR-2011-02346937

Inflammatory pathways in acute myeloid leukemia: a role for ATP in helping eradicate leukemic stem cells

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 21,25

GR-2011-02346941

Non-coding RNA-mediated control of human regulatory T cell development, function, and stability in health and disease.

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with the proposed F2F score. Final Score: 11

GR-2011-02346946

Use of flavonoids contained in Flavocoxid to reduce vascular damage in an experimental model of atherosclerosis

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 7

GR-2011-02346947

HLA-G as Prognostic Marker for Cytomegalovirus Infection and Clinically Relevant Heart Allograft Outcomes

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10,5

GR-2011-02346964

A combination of miR501-5p and mTOR as molecular markers for the prognosis of renal carcinomas

Status F2F: Confirmed

the scientific panel agrees with review #1 about the over estimation of the budget
Final Score: 12,5

GR-2011-02346974

Targeting inflammation in atherosclerosis: role and therapeutic potential of sphingosine 1-phosphate (S1P) and its receptors

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 9,75

GR-2011-02346981

Cardiac Stromal Cells as a model of Arrhythmogenic Right Ventricular Dysplasia

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 18,25

GR-2011-02347018

Exploring the role of macrophages in physiological bone healing and their potential for innovative bone regeneration therapies.

Status F2F: Confirmed

The committee reviewed the F2F assessments and elaborated the final scores being more consistent with the guidelines.

The scores assigned by the reviewer #1 do not match the comments. Many criticisms have been noticed, mainly regarding preliminary data and methodologies. The overall hypothesis is not clear, affecting the scientific quality of the study. Therefore, the committee has decided to validate the average between the scores.

Final Score: 13

GR-2011-02347023

Periventricular Heterotopia: identification of new causative genes through massive parallel sequencing and RNA interference.

Status F2F: In progress

Delta score is high because both reviewers have used high scores, making the difference to look higher. Nonetheless comments are similar and there are no anomalies therefore committee agrees on the average score. Final Score: 21

GR-2011-02347040

Regulation of the linear ubiquitin chain assembly complex by IAPs in the metastasization process of cancer cells

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,75

GR-2011-02347130

An integrated approach to clonal mast cell disorders

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 15

GR-2011-02347131

Uncovering hematopoietic stem cell clonal dynamics in humans by retroviral tagging

Status F2F: Rejected

The applicant aims to study the hematopoietic system at clonal levels in humans exploiting integration sites databases generated from gene therapy trials and from in vitro and in vivo models of human hematopoiesis. Although the reviewers agree, they use different scores, which for some extend do not match with the comments. After reviewing the proposal and the comments of the reviewers, the committee confirms the average between the two comments. Final score of 14.25. Final Score: 14,25

GR-2011-02347139

Iron depletion approach for the resolution of the HCV-induced steatohepatitis: development of new therapeutic strategy

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 15,5

GR-2011-02347156

Insulin resistance, bile acid profile and diet in the development of esophageal adenocarcinoma in patients with Barrett's Esophagus.

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with the proposed F2F score. Final Score: 24

GR-2011-02347182

On the road again. Evaluation of the procedures helping patients to return to drive after Traumatic Brain Injury and testing of a new rehabilitation protocol

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 22,25

GR-2011-02347190

Clinical, genetic and neuroimaging profiles in Italian patients with Fronto-Temporal Dementia

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 11,25

GR-2011-02347192

Proof of concept studies of SIRT6 inhibitors for treating type II diabetes

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 11,5

GR-2011-02347238

Dysexecutive syndrome and visuo-spatial dysfunction as risk factors for postural instability and frequent falls in patients with dementia and parkinsonism: from early diagnosis to rehabilitation strategies.

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 16

GR-2011-02347286

Functional analysis of SCN1A mutations with iPS cell-derived human neurons: assay for clarifying genotype-phenotype correlations and develop targeted therapeutic approaches.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 27,5

GR-2011-02347307

Unraveling the genetic complexity of myeloproliferative neoplasms and the molecular pathways involved in disease progression

Status F2F: In progress

The present proposal aims to perform whole-exome sequencing to identify mutations in Jack-, Mpl-, normal karyotype MPN samples. The studies may lead to the identification of novel mutations that contribute to progression to AML. Overall the proposal has been well written. Nevertheless, two major concerns have been raised. First, it is not clear whether the Applicant will be able to reach a significant number of samples that may support any statistic significance. Second, the idea of performing whole exome sequencing may be a limiting factor, since putative relevant mutations may occur in noncoding regions. The PI responsible for the submitted proposal has expertise in the specific field, as documented by the publication in medium-impact factor Journals. The Institution is adequate for completing the proposed studies. The Committee has agreed on a final score of 13.5, as in the proposed F2F score. Final Score: 13,5

GR-2011-02347330

BASAL GANGLIA FUNCTIONAL ABNORMALITIES CORRELATING WITH GAIT DISTURBANCES IN PARKINSON'S DISEASE. TOWARD NOVEL BRAIN SIGNAL-CONTROLLED DEVICES FOR ADAPTIVE DEEP BRAIN STIMULATION.

Status F2F: In progress

The present study aims to develop deep brain stimulation (DBS) patterns to prevent and inhibit freezing of gait (FOG), which is one of the major disturbances in Parkinson's Diseases. The applicant should clarify what is meant by adapting DBS to moment to moment clinical states. If successful, the proposal could eventually contribute to improvements in the efficacy of DBS in reducing freezing of gait and improving outcomes in Parkinson's disease patients. The proposal is well written and has logical aims. The novelty of the study relies in the development of a system that is responsive to freezing of gait. Facilities and infrastructure are appropriate for the proposed studies. Budget is also appropriate. The applicant is a young investigator at the first year of the PhD training. She is first author in several publications related to the topic of the proposal. Complementary expertise will be provided by the assembled team. Despite the high potential of the candidate to

COMITATO VALUTAZIONE GIOVANI RICERCATORI - Elenco Motivazioni

develop an independent career, this reviewer has concerns regarding the leadership of the candidate and the feasibility of the proposed study. After reading the scores and the comments of the reviewers, the committee agrees with the final score of 16. Final Score: 16

GR-2011-02347381

Interactions of genotype, phenotype, local immune system and microbiologic environment in the pathogenesis of Hirschsprung's disease associated enterocolitis

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10

GR-2011-02347382

Development of a carbon nanotube DNA microarray for rapid detection of antibiotic resistant genes in pathogenic bacteria

Status F2F: In progress

After reading the scores and comments of the two reviewers the committee consider to accept the averaged score Final Score: 15,75

GR-2011-02347383

Development and validation of novel methods for the in vivo assessment of distinct patterns of connectivity in the disorders of consciousness

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10,25

GR-2011-02347413

EVALUATION OF ANTIBIOTIC PRESCRIPTION PROFILES IN CHILDREN AND THEIR PARENTS

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 29,25

GR-2011-02347415

PRESERVATION OF THE REPRODUCTIVE FUNCTION IN ONCOLOGICAL CHILDREN AND WOMEN AT RISK OF PREMATURE OVARIAN FAILURE: OPTIMIZATION OF OVARIAN TISSUE CRYOPRESERVATION

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19

GR-2011-02347454

Prospective study on the potential use of Neuropeptides as biomarkers of disease severity and response to treatment in allergic patients.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 24,25

GR-2011-02347460

Intellectual developmental disorders in Friuli Venezia Giulia Region, Italy: prevalence, burden of disease, pathways of care, services and sources of information.

Status F2F: In progress

TL clearly has not read the project! The general idea of studying prevalence of intellectual developmental disorders in 0-17 years old children can be interesting but the methodologies and aims are unclear. Applicant has a good CV and publication records but not the same for co-workers. The committee proposes to accept the evaluation of the second reviewer. Final Score: 21

GR-2011-02347499

An integrated biomolecular, neuroradiological, and clinical study to investigate brain development, onset and progression in Huntington's disease

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 15,5

GR-2011-02347525

Genome-wide screening in patients with Ruptured and Unruptured Intracranial Aneurysm: a pilot study to identify genetic variants associated with risk of aneurysm rupture.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14

GR-2011-02347536

Rib-like chest wall reconstruction after wide thoracectomy because of cancer: how much does the change of the thoracic elastance impair the postoperative respiratory function? A prospective, observational clinical study.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 24

GR-2011-02347570

Phase 2, open-label, multicenter, randomized study of PD 0332991 (oral CDK 4/6 inhibitor) monotherapy and PD 0332991 in combination with the endocrine therapy to which the patient has progressed in the previous line for ER-positive, HER2-negative post-men

Status F2F: In progress

After reading the scores and comments of the two reviewers the commette consider to accept the averaged score Final Score: 17,75

GR-2011-02347573

Multi-biomarker prediction of response to methotrexate in early Rheumatoid Arthritis

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13,5

GR-2011-02347581

Development of an engineered human iPSCs-derived bio-pacemaker as an in vitro platform for drug screening

Status F2F: In progress

This is a potentially interesting proposal that aims to verify the feasibility of in vitro generating human iPSC-derived engineered bio-pacemakers and their suitability as platforms for drug screening in order to test cardiotoxicity or proarrhythmic actions. Nevertheless, the overall interest is lowered by the lack of clarity in regards to the working methodologies and experimental procedures that appears to be not well focused, nor well described. The PI responsible for the submitted proposal is a Young Investigator that has shown proven to be a promising researcher as documented by the relative track of publications listed within the application. The Committee has agreed on a final score of 17.50. Final Score: 17,5

GR-2011-02347595

Hospitalization and comorbidities in patients with parkinsonism and / or dementia: a study of prevalence and management proposals

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 22

GR-2011-02347677

Guidelines for the identification of quality standards for the realization of extra hospital structures for subjects in Vegetative or Minimally Conscious State

Status F2F: In progress

The two Reviewers were concordant about the limitations of the publication background of the PI. The possibility to recruit a sufficient number of cases to run a reliable analysis for the construction of national guidelines remains questionable. After reading the scores and the comments of the Reviewers, the Committee accepts the proposed score issued from the face-to-face agreement of 23. Final Score: 23

GR-2011-02347678

Genetic basis of steroid resistant nephrotic syndrome and implications for therapy

Status F2F: Rejected

After reviewing the scores and the comments of the reviewers, the committee agree with the average final score of 12,5. The expertise of the applicant in the field is very good but the publications record (excellent for one paper) is limited. The project is ambitious and it is not well hypothesis driven, as indicated by the reviewer 2. Final Score: 12,5

GR-2011-02347781

Role of microRNAs in modulating platelet function in patients with acute coronary syndromes.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the proposed F2F assessment

Final Score: 11,5

GR-2011-02347804

Melanopsin retinal ganglion cells and circadian photoentrainment in Alzheimer's disease, Down syndrome and aging

Status F2F: In progress

After reading the scores and the comments of the reviewers, the committee agreed with the score proposed by the reviewers in the advanced F2F forum. **Final Score: 20**

GR-2011-02347826

Early prediction of outcome in comatose patients with severe traumatic brain injury: evaluation of brain activity with 18F-FDG PET

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. **Final Score: 17,5**

GR-2011-02347831

Impulse control disorders in Parkinson's disease. A neurophysiological study of cortical inhibitory mechanisms, functional connectivity, and volitional control of actions

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. **Final Score: 28,75**

GR-2011-02347850

Testing the competition for c-Kit ligand between mast cells and stem cells: implications for treatment with tyrosine-kinase inhibitors in prostate cancer

Status F2F: In progress

After reading the scores and comments of the two reviewers the committee consider to accept the averaged score Final Score: 14,75

GR-2011-02347874

IFNgamma as a potential therapeutic target in secondary HLH

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12,5

GR-2011-02347884

Human Cerenko-mammo-tomography using beta emitting radiopharmaceuticals

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13,5

GR-2011-02347938

Imaging of bone marrow sympathetic innervation.

Status F2F: In progress

After reading the scores and the comments of the reviewers, the committee agreed with the final proposed F2F score Final Score: 19

GR-2011-02347948

The impact of aerobic exercise on cytokine production in patients with multiple sclerosis.

Status F2F: In progress

The two Reviewers agreed over the scientific quality of this application, and were finally concordant over the validity of methodology, novelty and merits of the applicant. Therefore, after reading the scores and the comments of the Reviewers, the Committee accepts the proposed score issued from the face-to-face agreement of 15. Final Score: 15

GR-2011-02347966

Insights into the molecular mechanisms of Anorexia Nervosa

Status F2F: In progress

Although delta score is high there are no anomalies in the comments and the committee agrees on a score which represents the mean of the two scores. Final Score: 20,75

GR-2011-02348048

GRADE-Dispute. Improving appropriateness and transparency of processes to develop guidelines on controversial clinical areas: evidence, values and context preferences to help mitigate disputes and enhance the applicability of recommendations to practice.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10

GR-2011-02348099

Preclinical optimization of treatment with inhaled argon to improve neurological outcome and survival after cardiac arrest

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 9,75

GR-2011-02348153

Mineral metabolism and microvascular function in patients with chronic kidney disease

Status F2F: In progress

This proposal aims to investigate the role of 1,25dihydroxyvitamin D (1,25(OH)D) and Parathyroid Hormone in the pathogenesis of cardiovascular events in patients with chronic kidney insufficiency. Although this project has interesting ideas, the study design is extremely weak. For instance, patients have to be stratified according to the different etiologies of the renal disease as well as to other independent cardiovascular risk factors. Therefore a sample size of 20 appears to be insufficient to reach a significant statistical power.

PI is MD, resident in nuclear medicine, with only 1 paper in the same field of the proposal. No senior authorships, raising the concern on the effective leaderships in this proposal. After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 21.25.

Final Score: 21,25

GR-2011-02348160

Age-induced reduction of neurogenesis induces functional alterations of the blood brain barrier contributing to the detrimental outcome of stroke in the elderly.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10

GR-2011-02348220

Role of the combined ultrasonographic imaging and neurophysiological study for surgical treatment of peripheral nerves pathologies

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 21,75

GR-2011-02348229

Human liver steatosis: potential mechanisms linking lipogenic enzymes, gut peptides and intestinal permeability

Status F2F: In progress

The Committee has evaluated the scores provided by the two Reviewers. The working methodology has not been properly defined. The proposal lacks of complete novelty. Both Reviewers have properly discussed and addressed all their concern and the Committee has agreed on the final score of 21, as proposed in the F2F evaluation. Final Score: 21

GR-2011-02348250

Electrophysiological, behavioural and functional connectivity markers of fluctuating cognition and attention disorders in Dementia with Lewy Bodies and Parkinson's Disease with Dementia

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10,25

GR-2011-02348297

Toward identification of biomarkers in patients with irritable bowel syndrome (IBS)

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19,75

GR-2011-02348302

Can default and attentional network dysfunctions lead to Visual Hallucinations and Delusions in Lewy body disease?

Status F2F: In progress

This project aims to investigate the aetiology of visual hallucinations (VH) in Lewy body diseases (LBD) using an original combined MRI/fMRI/DTI/MRS methodology.

The proposal was evaluated by two reviewers. Both reviewers found that the proposal presents good resources and facilities. They also found the project innovative and well written. One of the reviewer found in the proposal some weaknesses that include the unclear role of the units for some aim and the uncertainty of the therapeutic outcome. The committee agrees that these weaknesses limit the impact of the proposal and also notes that the proposal might benefit from more experienced collaborators, more articles as first-author of the applicant and a clearer evaluation of the study design in the proposal. For the above reasons the committee suggests a final score of 14.00.

Final Score: 14

GR-2011-02348335

Association between an increased systemic inflammation level in periodontitis and cardiovascular diseases: a randomized protocol.

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 32. Final Score: 32

GR-2011-02348347

Molecular and functional characterization of an HDAC-regulated miR network that controls the composition of the chromatin remodeling complex muscle regeneration versus fibro-adipogenic degeneration in neuromuscular disorders

Status F2F: In progress

The aim of this proposal is to investigate the molecular mechanism behind the beneficial role of HDACs inhibitors in muscle regeneration. The rationale and hypothesis of the project are not clear. The proposal needs to be widely amended pointing out the strengths and weaknesses of the proposed strategy, defining relevant specific aims and describing the methodology more specifically (i.e. how the RNAseq data will be generated?), as well as discussing the impact in translation. After reading the scores and the comments of the reviewers, the committee agrees with the final score of 20.5. Final Score: 20,5

GR-2011-02348356

NOVEL BIOMARKERS IN MALIGNANT PLEURAL MESOTHELIOMA: FROM MOLECULAR PREDICTORS OF RESPONSE-TO-THERAPY TO NOVEL MULTIMODAL THERAPEUTIC STRATEGIES

Status F2F: Rejected

It emerges from the face-to-face forum that the two Reviewers were actually concordant over the final score to be attributed. Therefore, after reading the scores and the comments of the Reviewers, the Committee agrees to accept the proposed score issued from the face-to-face forum of 11. Final Score: 11

GR-2011-02348426

In vivo and ex vivo translational study of the effect of Metformin on brain metabolism: implication for Alzheimer's disease pathophysiology

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13

GR-2011-02348460

Deep Brain Stimulation and EEG-fMRI for drug-resistant epilepsies: assessment of the role of sub-cortical brain structures in the neuro-modulation of epileptic networks.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 17,5

GR-2011-02348490

CINAARD-HF: Clinical Improvement and Neurohormonal Activation After Renal Denervation in Heart Failure in Humans.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 22,75

GR-2011-02348526

The role of the Rho-GTPase proteins in the aetiology of Alzheimer's Disease

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12,5

GR-2011-02348528

Neurophysiological measures as end-point in multiple sclerosis clinical trials: the use of Transcranial Magnetic Stimulation

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 23,75

GR-2011-02348535

DISSECTING THE MOLECULAR BASES OF ACQUIRED RESISTANCE TO BRAF INHIBITORS IN METASTATIC MELANOMA: TOWARDS A MULTIDRUG APPROACH

Status F2F: Confirmed

The scientific panel reports that the budget is over estimated Final Score: 12

GR-2011-02348564

Tissue engineering for small diameter blood vessel replacement.

Status F2F: In progress

Overall, both Reviewers agree over the important potential for clinical application and, on the same time, on the problematic feasibility of this project. After reading the scores and the comments of the Reviewers, the Committee agrees to accept the average score of 19. Final Score: 19

GR-2011-02348567

Disclosing ID4-dependent cross-talk between basal-like breast cancer cells and tumor associated macrophages

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 11,5

GR-2011-02348633

MECHANISMS OF SEIZURE TERMINATION IN FOCAL EPILEPSY

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10,5

GR-2011-02348648

Endoplasmic reticulum-mitochondria crosstalk as new target for anticancer therapy: an in vivo approach

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 20

GR-2011-02348675

Mono-institutional analysis of the relationship between the social status of a cancer patient and their access to healthcare: the impact of their social status on the therapeutic results.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 33

GR-2011-02348707

Implication of mechanosensing toward pro-pathologic differentiation of resident progenitors in aortic valve calcification and stenosis

Status F2F: In progress

After reading the scores and comments of the two reviewers the committee consider to accept the averaged score. In particular, the study is based on an original hypothesis. Nonetheless, the publication and citation track of the PI is limited. Additionally, the methodology is questionable in its capability to soundly confirm the VIC nature of cultured cell lineages. Final Score: 12,75

GR-2011-02348722

Genome-wide analyses to improve prognostic and therapeutic strategies in neuroblastoma

Status F2F: In progress

The F2F was in an advanced stage and the two reviewers agreed on the final score. For this reason the proposed F2F score of 11.00 is accepted by the committee. Final Score: 11

GR-2011-02348725

Analysis of T cell population as prerequisite for the identification of an "exit strategy" aimed to obtain a biologic free-drug remission in a population of patient affected by Rheumatoid arthritis in prolonged remission phase induced by TNF-blocker therapy

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16

GR-2011-02348732

Role and therapeutic targeting of follicular helper T cells in autoimmune diabetes and rheumatoid arthritis

Status F2F: In progress

After reading the scores and the comments of the reviewers, the committee agreed with the proposed F2F score Final Score: 11,5

GR-2011-02348794

Regularly repeated aerobic cycle exercise vs levodopa treatment in de novo patients with Parkinson Disease: A randomized parallel group controlled trial

Status F2F: In progress

The two reviewers mostly agreed in the judgment of this proposal. They both found the overall goal of this proposal interesting but also highlighted several weaknesses that mostly regard the originality of the proposal, clearness of some objectives and the CV of the PI. Both reviewers agreed that these weaknesses limit the impact of the proposal. For this reason a final score of 22.75 that is the average of the two reviewers' scores is proposed. Final Score: 22,75

GR-2011-02348882

Boosting cardiac regeneration: novel tools in stem cell and tissue engineering combined therapy

Status F2F: In progress

Both reviewers agree that the combination of stem cells and generation of an in vitro cardiac tissue may be interesting although feasibility can raise some concerns. The comments are similar but the score is different although it remains high and therefore the committee has share the same concerns of the reviewers on the overall impact of the proposal. Final Score: 22,25

GR-2011-02348891

Generation of new therapeutics to target children ETP-ALL via the high throughput Recombinant Antibody Screening Platform (RASP)

Status F2F: In progress

Very detailed research plan with a high translational potential but after reading the scores and comments of the reviewers the committee agrees with a score of 17, justified mainly by the limited publication record of the applicant. Final Score: 17

GR-2011-02348892

Determination of blood infectivity in patients affected with sporadic Creutzfeldt-Jakob disease.

Status F2F: In progress

After reading the scores and the comments of the reviewers, the committee agrees with the score proposed in the advanced F2F forum. The reviewers agree with the final proposed F2F score is 25.5. Final Score: 25,5

GR-2011-02348929

Neurological Perspectives On Motor Deficit In Autism Spectrum Disorders

Status F2F: Confirmed

The editor systems indicated some incoherencies in the evaluation. The committee decided to read the F2F comments and re-evaluate the different sections following the guidelines of the grant call. The significance of the proposal it cannot be considered 1 since that are some flaws in the overall hypothesis as highlighted by the review 2. (new score 2.5) For this reason in the novelty reported cannot be considered outstanding because there are some works reported in literature. (new score 2.5) Moreover the Merits of the applicant has been rated as 2 although is not reported a strong publication record (new score 3). The Committee agreed to assign the final score 12. Final Score: 12

GR-2011-02348942

Modularity for sensory motor control: implications of muscles synergies in motor recovery after stroke.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 8

GR-2011-02348955

PET and circulating tumour cells in early assessment of erlotinib treatment in advanced non-small cell lung cancer (NSCLC) patients.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,5

GR-2011-02348966

A COMBINED NEUROFEEDBACK-FUNCTIONAL TOOL TO TRACK AND TO SLOW DOWN THE COGNITIVE DECLINE

Status F2F: In progress

TL reviewer was very detailed in his/her comments which seem reasonable and well justified. The other reviewer did not justify his/her comments. For this reason the score proposed by the TL reviewer is accepted. Final Score: 16

GR-2011-02348969

microRNAs in pediatric high risk acute myeloid leukemia: predictive markers of drug resistance and disease progression

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16,5

GR-2011-02348985

NEUROMODULATION STRATEGIES TO ENHANCE THE EFFECTS OF GAIT REHABILITATION IN MULTIPLE SCLEROSIS PATIENTS WITH CEREBELLAR ATAXIA

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 11

GR-2011-02348989

Defining the peripheral nerve environment in human end experimental Amyotrophic Lateral Sclerosis

Status F2F: In progress

The Reviewers did not reach a F2F agreement. Nonetheless, their comments are in touch with respect to the existence of methodological weaknesses in the study design. Therefore, after reading the scores and the comments of the Reviewers, the Committee agrees to accept the average score of 23.25. Final Score: 23,25

GR-2011-02348998

Fry the brain: impact of X-ray exposure on cognitive impairment

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 8,5

GR-2011-02349025

Tumor dormancy and surgery-driven interruption of dormancy: better understanding of cancer disease progression and novel insight in soft tissue sarcomas

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 17,75

GR-2011-02349029

Epigenetic and electrophysiological fingerprints of cardiac iPS-derived cardiomyocytes.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16

GR-2011-02349069

On-farm welfare index assessment for the heavy pig

Status F2F: In progress

After reviewing the scores of the reviewers, the committee agree with the proposed final score of the average Final Score: 14,5

GR-2011-02349082

DTNBP1, DRD2 and genetic risk for schizophrenia

Status F2F: Confirmed

The Editor has indicated inadequate scoring provided by the Team Leader due to a rate that does not justify the novelty, originality and transferability of the proposal, as well as the merits of the Applicant. Specifically, a score of 1 and a score of 1.5 for the novelty and Applicant's profile, respectively, have been given. This does not match with the guidelines. 1) The proposal is not completely novel, indeed the second reviewer has indicated a score of 5. Similar findings have been already reported in the Literature. Moreover, the proposed studies will have medium/low transferability of the putative findings. Therefore, the scientific review committee has scored the novelty as 5, according to guidelines. 2) The profile of the Applicant has been scored as 1.5 from the Team Leader, and 5 from the second reviewer. The scientific review committee has evaluated the application and scored the merits of the Applicant as 4, according to guidelines. Based on all these considerations, the scientific review committee has provided a final score of 13.

Final Score: 13

GR-2011-02349120

Role of Che-1 in mTor pathway regulation

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,5

GR-2011-02349137

microRNA profiling in patients with oral squamous cell carcinoma (OSCC).

Status F2F: In progress

The submitted proposal aims to evaluate miRNA expression profiling in patients with oral squamous carcinoma (OSCC). The proposed topic is not completely novel. While the methodologies have been properly described, potential pitfalls and alternative approaches have not been taken into consideration. Importantly, functional studies should have been considered. The facilities and infrastructures are adequate, nevertheless the requested budget not justified for the proposed studies. The PI has not proven his ability to work as an independent investigator, as shown from the relative track of publications. The PI appears as first Author in three papers, published in low impact factor Journals. Research collaborators seem to have no scientific publication, based on what indicated in the present application. The Committee has agreed on a final score of 16.75. Final Score: 16,75

GR-2011-02349166

Preclinical assessment of splice modulating oligomers for Spinal Muscular Atrophy (SMA) therapy

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13,25

GR-2011-02349177

Serum neutrophil gelatinase-associated lipocalin (NGAL) and Matrix metalloproteinase(MMP)-2 and MMP-9 as biomarkers of urothelial carcinoma development and progression

Status F2F: In progress

After reading the scores and the comments of the reviewers, the committee agreed with the final proposed F2F score Final Score: 23

GR-2011-02349181

Pharmacogenomics of smoking cessation

Status F2F: In progress

This application is focused on a large project, essentially observational in nature, although it addresses a major public health problem. The proposal lacks hypothesis over the potential role of specific genes in influencing the human behavior. After reading the scores and the comments of the Reviewers, the Committee agrees to accept the average score of 19.5. Final Score: 19,5

GR-2011-02349238

Mitochondria role in neuronal stem cells differentiation

Status F2F: In progress

Main weakness of the project is the lack of preliminary results and both reviewers agree also on lack of originality and feasibility leading to borderline score. Final Score: 19

GR-2011-02349252

Environmental factors in immune-mediated diseases. Evaluation of the effects on human cells induced by diesel exhaust nanoparticulate and in vitro assessment of the efficacy of potential therapeutic molecules in a model of immune-mediated disease

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 21.5. Final Score: 21,5

GR-2011-02349277

Protective Effects of Mindfulness Meditation in Multiple Sclerosis: Neuropsychological, Neurophysiological, and Neuroimaging investigations

Status F2F: In progress

After reading the scores and the comments of the reviewers, the committee agrees with the final score of 22. Final Score: 22

GR-2011-02349291

New therapeutic approaches for asthma: effects of new potent and selective inhibitors of poly(ADP-ribose) polymerases

Status F2F: In progress

After reviewing the scores of the reviewers, the committee agree with the proposed final score of the F2F Final Score: 20,5

GR-2011-02349347

Neuropsychological and brain network development at the onset and at the follow up of focal lesional and non lesional childhood epilepsy: implications for early diagnosis and rehabilitative treatment of cognitive deficits

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19

GR-2011-02349417

Understanding Breast Cancers molecular signatures: from RNA expression to epigenetics

Status F2F: In progress

The committee has evaluated the proposal and mostly agrees with the comments provided by the two reviewers. For this reason a final score of 23.75 that is the average of the two scores is proposed. Final Score: 23,75

GR-2011-02349455

Novel pathogenetic mechanisms, genotype-phenotype correlations, and therapeutic strategies in early-onset epilepsy: a translational approach combining clinical, genetic, functional and pharmacological studies

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 28,5

GR-2011-02349459

Small molecule c-Src inhibitors as potential agents for medulloblastoma therapy: novel insights into c-Src pathway.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19

GR-2011-02349481

DOMoRIS - Diabetes and Obesity Monitoring and Rehabilitation Integrated System

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 18,75

GR-2011-02349491

Impact analysis of the use of a validated clinical prediction guide as compared to standard clinical judgment for the stratification of prognosis after pulmonary embolism

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with the final proposed F2F score. Final Score: 27

GR-2011-02349508

Evaluation of distinctive clinicopathological and molecular features in BRAF-mutated colorectal cancer: new knowledges for a personalized medicine.

Status F2F: In progress

Proposal aimed at studying the roles of CIMP, MSI, BRAF mutations in colorectal cancers. Project not hypothesis-driven, very descriptive. PI is young investigator with weak publication track raising the concern regarding effective leadership in the project. Methodology and study design need improvements. For instance sample size and stratification are not clear. The commission agrees with the final score of 24.5. Final Score: 24,5

GR-2011-02349539

The long pentraxin PTX3 as a functional ancestor of antibodies in the immune response to *Aspergillus fumigatus*

Status F2F: In progress

This is a very good proposal from a young and promising investigator. Possible limitation only includes the feasibility of the project that should have been probably restricted to the first two aims. CV and track record of the PI are adequate for the project but not outstanding as stated by reviewer 2. The budget is also ok. The committee agrees with the TL to give a score of 11.5 to the proposal as proposed in the F2F forum.

Final Score: 11,5

GR-2011-02349545

The neurobiology of social perception deficits and neurocognitive effects of social skill training in Autism Spectrum Disorders: simulation, integration and connectivity

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19,5

GR-2011-02349568

Role of inflammatory markers in predicting cognitive and neuropsychiatric complications after acute ischemic stroke and subsequent behavioural treatment strategies.

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with the proposed F2F score. In particular, this committee is concerned about the lack of novelty given the numerous studies published regarding inflammation and stroke. As far as regard the scientific quality we have concerns regarding the benefit of the project for the MoH. Final Score: 19

GR-2011-02349578

miRNA targeting molecular probes for multimodality imaging of prostate cancer

Status F2F: Confirmed

The scientific review committee has noticed discrepancies within the evaluations provided by the two reviewers. Specifically, a score of 2 and a score of 1 for the novelty and Applicant's profile, respectively, have been given. This does not match with the guidelines. 1) The proposal is not completely novel, indeed the second reviewer has indicated a score of 6.5 Similar findings have been already reported in the Literature. Therefore, the scientific review committee has scored the novelty as 4, according to guidelines. 2) The profile of the Applicant has been scored as 2 from the Team Leader, and 8 from the second reviewer. The scientific review committee has evaluated the application and scored the merits of the Applicant as 4, according to guidelines.

Based on all these considerations, the scientific review committee has provided a final score of 14.

Final Score: 14

GR-2011-02349604

Genetic of Panic Disorders

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 8,5

GR-2011-02349623

Exploiting tumor DNA repair defects for improving therapeutic index of conventional chemotherapy in molecularly defined subgroups of metastatic colorectal cancer patients

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13,75

GR-2011-02349626

Automated digital scanning and diagnosis of tissues using multimodal non-linear optical microscopy

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12,5

GR-2011-02349699

Intrinsic and extrinsic determinants in the ecology of the invasive mosquito species *Ae. koreicus*, and its possible role in the transmission of West Nile virus in an endemic area.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 21,25

GR-2011-02349714

Pre-surgical identification of language and verbal memory cerebral areas: correlations between invasive EEG recordings and stimulations with HD-EEG and fMRI in epilepsy patients while performing neuropsychological tasks and, comparison with healthy subjects

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with the final proposed F2F score. Final Score: 17,5

GR-2011-02349751

Transthoracic Echocardiography in patients with Aortic Aneurysm: accuracy in diagnosis and follow up.

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 21.5, as proposed in the face-to-face. Final Score: 21,5

GR-2011-02349761

Action observation therapy: a chance for Parkinson Disease patients of improving mobility through a home-based training.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12,25

GR-2011-02349775

CCR5 based vectored-immunoprophylaxis in the protection against HIV Infection

Status F2F: In progress

The reviewers did not close the F2F section. The committee agreed in assigning a final score of 12. The committee agreed with the reviewer 1 and confirmed that there were some flaws in the feasibility of the overall project to be a young investigator grant. The risk of pitfalls is too high that affect the solidity of the whole proposal that it seems too ambitious. Final Score: 12

GR-2011-02349787

A non-invasive, multimodal approach to restore functional networks and cognition in Alzheimer's disease and frontotemporal dementia

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 7,25

GR-2011-02349868

Study on sand flies (Diptera: Phlebotominae) phenology and development of predictive mathematical model towards reduction of Leishmania infection risk.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 25

GR-2011-02349916

Postsynaptic density scaffolding networks in idiopathic and iatrogenic movement disorders: providing insights into the dopamine-glutamate transynaptic mechanisms underlying Parkinson's Disease, treatment-induced parkinsonisms in schizophrenia and antipsyc

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,5

GR-2011-02349917

Farm animal welfare and food safety: effect of on-farm and pre-slaughtering stress factors on microbiological contamination of poultry meat.

Status F2F: Rejected

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 9,25

GR-2011-02349968

A population-based study of survival and causes of death of Italian people with AIDS between 1999 and 2010.

Status F2F: In progress

Both reviewers evaluated the proposal as well presented and articulated and the evaluation is highly positive. However the final score does not reflect the enthusiasm expressed by the reviewers. The Reviewer number 1 is critical regarding the originality of the proposal (since it is a study update) and the budget that is overestimated. After reading the scores and the comments of the reviews, the committee agreed to accept the average score. Final Score: 15,5

GR-2011-02349984

Strategies to improve functional recovery in presence of cerebellar pathology

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 15,75

GR-2011-02350038

IDENTIFICATION OF EPHA3 AS A NEW MOLECULAR TARGET IN MULTIPLE MYELOMA:

OPPORTUNITY FOR A NOVEL THERAPEUTIC APPROACH WITH A SPECIFIC MONOCLONAL ANTIBODY

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19

GR-2011-02350044

Randomized, phase III, two by two factorial design, study of rechallange with oxaliplatin-based chemotherapy versus no rechallange therapy with or without aspirin in heavily pretreated metastatic colorectal cancer

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 28.5. Final Score: 28,25

GR-2011-02350104

Case-based Support System for Breast Cancer Screening

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 29,75

GR-2011-02350136

Feasibility of using Brain-Computer Interface for rehabilitation of visual neglect

Status F2F: In progress

It results from the face-to-face forum that the two Reviewers agreed to propose the average of their scores as their final evaluation. Therefore, after reading the scores and the comments of the Reviewers, the Committee agrees to accept the average score of 16.5. Final Score: 16,5

GR-2011-02350139

Evaluating the effects and effectiveness of the elastic force of a resorbable expander as a treatment for craniosynostosis: an experimental study in rabbits

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 25

GR-2011-02350187

Investigation of Gene-by-Environment Interaction in Developmental Dyslexia- Related neurocognitive Intermediate Phenotypes

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 26,25

GR-2011-02350209

Indicated prevention with long-chain polyunsaturated omega-3 fatty acids in patients with 22q11 microdeletion syndrome genetically at high risk for psychosis: A randomised, double blind, placebo-controlled treatment trial

Status F2F: In progress

The submitted proposal aims to validate the neuroprotective effects of PUFAs in individuals that have not transitioned to first psychotic episode. In addition, the studies will define several biological markers to be used as possible predictors for transition. The working methodology is adequate. Murine models will be taken into consideration. The PI has proven clear expertise in the specific area of studies. The Institution is adequate for completing the proposed studies. After having revised the proposal, and provided scores, the Committee has agreed on a final score of 13.25. Final Score: 13,25

GR-2011-02350215

Financial Abilities in pathological aging

Status F2F: In progress

The committee decided to consider the decision of the reviewer 1 overestimated. (3) However the committee decided to the leadership has gained experience in the areas of the research proposal and a good record of publications, although his research has a weak citation record. Since he has not published as a senior author, it is difficult to assess his leadership credentials (5). After reading the scores and the comments of the reviews, the committee agreed to accept the average score. Final Score: 16

GR-2011-02350231

Association of Trastuzumab and all-Trans Retinoic Acid in HER2 positive metastatic or locally advanced breast cancer: a phase I/II study of toxicity and activity and a pilot study of the immunomodulatory effect on myeloid derived suppressor cells.

Status F2F: In progress

The study methodology is limited by the proposed sample size, which puts into question the achievability of study purposes. After reading the scores and the comments of the Reviewers, the Committee agrees to accept the average score of 20. Final Score: 20

GR-2011-02350235

Protein Kinase C epsilon (PKCe): A Novel Potential Therapeutic Target in Primary Myelofibrosis

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 15,25

GR-2011-02350241

TAILORING FIRST-LINE CHEMOTHERAPY BY EARLY [18F]FDG-PET IN ADVANCED NSCLC PATIENTS: A MULTICENTER RANDOMIZED PHASE II DISCONTINUATION STUDY: TAPE STUDY

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16

GR-2011-02350263

Autologous Mesenchymal Cell Therapy in Multiple System Atrophy and Progressive Supranuclear Palsy: a clinical trial.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 25,75

GR-2011-02350285

Thalamocortical dysrhythmia: tackling maladaptive cortical oscillations in Parkinson's disease and chronic pain

Status F2F: In progress

After reviewing the scores of the reviewers, the committee agree with the proposed final score of the F2F. Final Score: 16

GR-2011-02350296

A novel test to detect high risk human papillomavirus DNA in women with high-grade cervical intraepithelial neoplasia with self-collected urine samples. Acceptability, reliability and diagnostic accuracy of self-collected urine for HPV DNA testing with HC

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12,25

GR-2011-02350321

Families with mesothelioma (FAME)

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 25

GR-2011-02350343

An open-label, single-arm, proof-of-concept, phase II, prospective, pilot study of anakinra in patients with asbestosis

Status F2F: In progress

The Committee has evaluated the scores provided by the two Reviewers. Both Reviewers have properly discussed and addressed all their concern and the Committee has agreed on the final proposed F2F score of 14.50, as provided within the F2F evaluation. Final Score: 14,5

GR-2011-02350365

A translational approach to dissect the functional role of ZFP36L1 in multiple sclerosis: possible connection between brain and gut.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13,75

GR-2011-02350373

A next generation multigene approach for prognostic stratification and tailored therapy in cholangiocarcinoma patients

Status F2F: In progress

The two reviewers mostly agreed in the judgment of this proposal. They both found the overall goal of this proposal interesting but also highlighted several weaknesses that mostly regard the CV of the PI and the limited selection of genes in the discovery phase. Both reviewers agreed that these weaknesses limits the impact of the proposal. For this reason a final score of 20.50 that is the average of the two reviewers' scores is proposed. Final Score: 20,5

GR-2011-02350386

Towards communication in vegetative and minimally conscious state patients. Semantic classical conditioning and brain computer interface control

Status F2F: In progress

Reviewers disagree in many comments (not feasible/ feasible; novel/not novel). Second reviewer is more positive although he also has major concerns regarding lack of novelty. The committee, after reviewing the comments, mainly agrees with comments of first reviewer and proposes to accept the mean score. Final Score: 18,75

GR-2011-02350426

A Pilot study for Implementation of delirium guidelines for elderly medical inpatients.
(D.I.O.N.I.S.I.O study)

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 22,75

GR-2011-02350427

Sensory Transient Receptor Potential (TRP) channels polymorphisms and migraine

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,25

GR-2011-02350447

Do autoantibodies predict the onset of autoimmune diseases? A 13-year population-based study to determine the risk of developing autoimmunity in a Northern Italian population

Status F2F: In progress

After reviewing the scores of the reviewers, the committee agree with the proposed final score of the F2F Final Score: 12

GR-2011-02350450

Determinants of the interindividual variability in responsiveness to low-dose aspirin in patients with and without diabetes: insights into platelet proteome and microRNA profile

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12

GR-2011-02350467

Study of the involvement of the microbiota in intestinal tumorigenesis: emphasis on APC gene regulation and mucins expression.

Status F2F: In progress

This proposal is a resubmission from last year. Both reviewers were very detailed in their comments. Despite their scores were in disagreement for some specific aspects the committee found that the reviewers comments were mostly justified.

For this reason

the committee proposes a score that is the average of the two scores (13.00). Final Score: 13

GR-2011-02350487

Effectiveness of a chronic care model for the management of Type 2 diabetes in Rome Municipality: A population based before-after study using health information systems.

Status F2F: In progress

The submitted proposal aims to implement a multidisciplinary intervention to treat diabetes targeting 80 primary care physicians and 16,000 patients. Despite the topic being of extreme relevance and importance, the proposed studies appear to be very ambitious thus affecting the overall feasibility. The working methodology is not well described, nor focused. It is not easy to follow how Authors plan to conduct their studies. Preliminary data have not been provided. One of the main concern is that the proposal is not providing enough details on the interventions. There is no pilot data to demonstrate feasibility. The facilities appear adequate to analyze the data obtained from the study. The budget is not adequate for completing the proposed studies: a large percentage of the budget is devoted to subcontracts and it is unclear how these funds would be utilized to realize the goals of the study. The Committee has agreed on a final score of 24.25, obtained from the average of the two provided scores. Final Score: 24,25

GR-2011-02350489

Effects of Testosterone supplementation on clinical and rehabilitative outcomes in older men undergoing on-pump coronary artery bypass graft surgery (CABG)

Status F2F: In progress

The applicant proposes a placebo-controlled randomized clinical trial to assess the effects of 12 week of testosterone enanthate treatment on functional recovery of older men (70 years and older) undergoing coronary artery bypass graft surgery (CABG). However the reviewer 1 reported an inappropriate use of BIA in the experimental plan that could affect the feasibility of the entire grant. (6 -4 evaluation for scientific quality and methodology) Final Score: 16,75

GR-2011-02350534

Integrating biomarkers in external beam radiation therapy: a multimodal advanced imaging strategy to prevent recurrence in high grade brain tumors

Status F2F: Rejected

After reading the proposal, scores, comments and the extensive discussion in the forum of the F2F of the reviewers the committee agrees with the averaged score.

Final Score: 16,25

GR-2011-02350555

Understanding the Congenital Muscular Dystrophies: from natural history to search for new genes

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. **Final Score: 13**

GR-2011-02350559

Adherence to chronic polytherapy after myocardial infarction: a multilevel analysis of Patient, General Practitioner and Hospital of discharge

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the proposed F2F assesment

Final Score: 11

GR-2011-02350581

Identification and characterization of new biomarkers in renal interstitial fluid by proteomic analysis of renal biopsy.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. **Final Score: 19,75**

GR-2011-02350594

The topological organization of structural and functional cortical brain networks in drug-naive patients with Parkinson disease at an early clinical stage.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. **Final Score: 17,75**

GR-2011-02350611

Long term cortical plasticity and multisensory integration in primary deafferented visual cortex.

Status F2F: In progress

After reviewing the scores of the reviewers, the committee agree with the proposed final score of the F2F Final Score: 16,5

GR-2011-02350616

A phase I dose escalation study with 18F-fluorothymidine-Positron Emission Tomography (18F-FLT-PET) guided Volumetric Modulated Arc Therapy (VMAT) and concurrent cisplatin for High Risk Human Papilloma Virus (HPV) negative oropharyngeal cancer patients

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19

GR-2011-02350621

Mercury and methylmercury in food supplements available on Italian market: evaluation and proper communication of the possible risks for the population. Development of a new nanostructured sensor for the determination of different forms of mercury in food

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 29

GR-2011-02350626

Clinical and genetic basis of congenital non-progressive ataxias with cerebellar atrophy

Status F2F: In progress

Reviewers have agreed on making an average of the two scores, as in the F2F forum, but this has not happened. The Committee has therefore re-evaluated the projects. The submitted proposal aims to dissect clinical and genetic basis of congenital non-progressive ataxias with cerebellar atrophy. The experimental approaches are adequate. Nevertheless, preliminary data are limited to the identification of familial clusters that will be studied. Functional studies involving possible identified genes have not been considered. The Applicant responsible for the submitted proposal has not proven his ability to work as an independent investigator: from the listed publications, it appears he is first-Author in two manuscripts both published in low impact factor Journal. The Committee has agreed on a final score proposed in F2F of 17. Final Score: 17

GR-2011-02350654

Quantification of kinematic fingerprint using inertial sensors and depth camera technologies

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 24,75

GR-2011-02350662

Establishment of Valid Pediatric Echocardiographic Nomograms: An Essential and Surprisingly Lacking Tool for the Quantification in The Performance of a Pediatric Echocardiography.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10

GR-2011-02350667

Spatiotemporal organization of motoneuronal activity in the spinal cord in children with cerebral palsy

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13

GR-2011-02350670

Determination of short and long term effects induced by the arteriovenous fistula on cardiovascular mechanics of uremic patients

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 21.5. Final Score: 21,5

GR-2011-02350674

Gut immune maturation in the cattle, which differences are present between Gut Microbiota of healthy animals and animals infected by Mycobacterium avium subspecies paratuberculosis (MAP)?

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 30,25

GR-2011-02350776

The impact of the earthquake on health of the community and response of the health care services: an observational study in Emilia-Romagna, Italy

Status F2F: In progress

This proposal aims at investigating the effects of earthquakes on health status on an exposed population in the Emilia Romagna region 19 months ago.

Project from a psychologist young investigator. Publication record is very poor (no papers published in the specific field of the proposal).

Study design with several weak points. Aim 1 is just a review of the literature.

After discussing the scores and comments of the reviewers, the committee agrees with the second reviewer confirming a final score of 14.5.

Final Score: 14,5

GR-2011-02350794

Novel therapies in neurodegenerative disease: Effects of polyphenols on Parkinson and Alzheimer's disease.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19,25

GR-2011-02350799

Identification of new biomarkers and potential therapeutic targets in Temporal Lobe Epilepsy.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 31,25

GR-2011-02350803

The influence of thyroid hormone replacement therapy on myocardial blood flow and extracellular matrix remodeling in patients with heart failure

Status F2F: In progress

The PI aims to evaluate the influence of thyroid hormone replacement therapy on myocardial blood flow and extracellular matrix remodeling in patients with heart failure. The topic is not completely novel. The PI has clearly shown expertise in the specific area of studies. The working methodology and experimental procedures are adequate. The Committee has agreed on a final score of 13.50, as discussed between the two reviewers within the forum section. Final Score: 13,5

GR-2011-02350809

Changes in short-, medium- and long-term blood pressure variability induced by treatment with different antihypertensive drug classes - a randomized trial.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19,25

GR-2011-02350840

The role of osteocalcin in human energy metabolism

Status F2F: In progress

The two reviewers mostly agreed in the judgment of this proposal. They both found the overall goal of this proposal interesting but also highlighted several weaknesses that mostly regard missing key information in the proposal. Both agreed that these weaknesses limits the impact of the proposal. For this reason a final score of 20.25 that is the average of the two reviewers' scores is proposed. Final Score: 20,25

GR-2011-02350862

THE METABOLIC SYNDROME: A STUDY ON THE EFFECTIVENESS OF A PSYCHOEDUCATIONAL INTERVENTION IN SCHIZOPHRENIC PATIENTS TREATED WITH CLOZAPINE

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 29,25

GR-2011-02350886

Molecular dissection of the selective autophagic response to Mycobacterium Tuberculosis infection

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10

GR-2011-02350913

Identification of inflammatory biomarkers to improve diagnosis and treatment of depression and neurocognitive impairment in subjects with recent diagnosis of HIV

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16,5

GR-2011-02350921

ONCOGENIC PAPILLOMAVIRUS AND POLYOMAVIRUS IN WATER ENVIRONMENTS: IS THERE A POTENTIAL FOR WATERBORNE TRANSMISSION?

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16,75

GR-2011-02350926

Modulation of tryptophan metabolism in immune thrombocytopenia: a novel therapeutic approach

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with the proposed F2F score. Final Score: 18

GR-2011-02350931

A Mathematical Model to optimize allocation of regional health care resource.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 25,75

GR-2011-02350941

Translational insights into cardiovascular disease in schizophrenia: dissecting the impact of antipsychotic pharmacotherapy on myocardial adrenergic post-receptor signaling complexes

Status F2F: In progress

The Committee has evaluated the scores provided by the two Reviewers. Both Reviewers have properly discussed and addressed all their concerns and the Committee has agreed on the final score of 24. Final Score: 24

GR-2011-02350979

An integrated approach of cell reprogramming, transcriptomics, and epigenomics to dissect Kabuki syndrome

Status F2F: In progress

the committee evaluated the reviewers comment about this proposal. The Reviewers disagreed about the scientific quality of the work. One of the reviewer considered the proposal too detailed. The committee considered the proposal technically coherent (3). The innovation of the proposal is high however there are some concerns about the translational aspect of the study (4). The methodology section presented some concerns by both reviewers the experiments are not very well described and the pitfalls of using iPSC cells have not been evaluated. (4)

Final Score: 16

GR-2011-02350983

Ultraconserved Region (UCRs) encoding ncRNAs involvement in bladder cancer tumorigenesis: a new (p)layer in the ¿dark matter¿

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19

GR-2011-02350989

Quantification and comparison of endoscopic and microscopic approaches to the skull base: application of a novel, neuronavigation-based, research method for the development of evidence-based, preclinical studies in skull base surgery

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 18,5

GR-2011-02350995

New players in tuberculosis vaccine development: mycobacterial small regulatory RNAs for attenuating virulence of Mycobacterium tuberculosis

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 13.75. Final Score: 13,75

GR-2011-02351005

MULTIMODAL TRACKING OF CORTICAL REORGANIZATION IN THE MOTOR AREAS DURING RECOVERY AFTER STROKE. A NOVEL INTEGRATED TMS/EEG APPROACH

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,5

GR-2011-02351014

Food safety on the web 2.0: development of a trends monitoring system of risk perception among consumers

Status F2F: In progress

After reviewing the scores of the reviewers, the committee agree with the proposed final score of the F2F Final Score: 21,75

GR-2011-02351017

Function of chromatin remodelers in nucleoplasm compartments organization and their role in cancer

Status F2F: In progress

The two reviewers assigned significantly different scores. After carefully reading the project we agree with the reviewer 2 with particular regards to the lack of aims definition (Scientific quality), experiments description (Methodologies) and budget. After reading the scores and comments of the two reviewers the committee consider to accept the averaged score Final Score: 19,25

GR-2011-02351049

Profiling of hepatocellular miRNA carried by circulating hepatitis B virus surface antigen particles: a non invasive tool to identify clinically relevant miRNA signatures

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the proposed F2F assessment Final Score: 11,5

GR-2011-02351052

Innovative imaging strategies for the early detection and noninvasive quantification of cardiac amyloidosis

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 17,5

GR-2011-02351062

Effects of combined fMRI-based motor imagery and robotic rehabilitation in chronic post-stroke patients

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 23,5

GR-2011-02351130

Dissection of the host response to *Pseudomonas aeruginosa* adaptation during chronic airway infections in cystic fibrosis

Status F2F: In progress

This proposal carries some methodological limitations, while the overall study purposes are probably excessively extensive and more specific objectives would facilitate the feasibility of this research. After reading the scores and the comments of the Reviewers, the Committee agrees to accept the average score of 18.75. Final Score: 18,75

GR-2011-02351154

AN INTEGRATED APPROACH TO ENHANCE CLINICAL MANAGEMENT AND PATHOGENIC CHARACTERIZATION OF AUTOSOMAL RECESSIVE SPASTIC-ATAXIA OF CHARLEVOIX-SAGUENAY

Status F2F: In progress

The reviewers did not close the F2F section. The committee agreed that the proposal is well written and presented. However the overall experimental plan is very broad and articulate, thus, there are some concerns about the overall feasibility, especially regarding the aim 3 as highlighted by the reviewer 2. The committee agreed to assign a final score of 13. Final Score: 13

GR-2011-02351159

Assessment of residual cognitive functions in Vegetative and Minimally Conscious State by Olfactory Event-Related Potentials and functional Magnetic Resonance Imaging

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 29.25. Final Score: 29,25

GR-2011-02351161

VASCULAR INFLAMMATION DURING SEPSIS IS RESPONSIBLE FOR PROGNOSIS WORSENING IN PATIENTS WITH CIRRHOSIS AND PORTAL HYPERTENSION: EFFECTS OF SIMVASTATIN

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19,75

GR-2011-02351167

Definition of the role of I κ B-alpha in the pathogenesis and progression of Chronic Myeloid Leukemia

Status F2F: Rejected

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12,75

GR-2011-02351182

Vision and the development of neuropsychological components underlying the acquisition of the written code (reading-writing) and of numerical and geometric concepts. Analysis of the impact of different types of visual impairment on school skills and propo

Status F2F: In progress

The Committee has re-evaluated the present proposal, due to the lack of agreement between the two reviewers.

This is a potentially interesting proposal, nevertheless, the overall interest is lowered by the lack of complete novelty. While the methodologies and development plans are adequate, the proposal lacks of significant preliminary data. The PI is a MD, PhD with specialty in in Child Neurology and Psychiatry. She has shown expertise in the specific area of studies, as documented by the listed publications: nevertheless, the Applicant is first Author only in one of them, thus not demonstrating her ability to work as an independent investigator. The overall requested budget does not justify the proposed studies.

Based on the re-evaluation of the proposal, the Committee has agreed on a final score of 21.5 which recapitulates the average of the scores provided by the two reviewers.

Final Score: 21,5

GR-2011-02351192

Assessment of nociceptive system in Vegetative and Minimally Conscious State by using Laser Evoked Potentials and functional Magnetic Resonance Imaging

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 24

GR-2011-02351218

Training children with autism to imitate meaningless body gestures through music following pilot data: a randomised controlled trial for effectiveness on social and imitation skills; a brain imaging study supporting the evidence and investigating individu

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16

GR-2011-02351267

Local chemotherapy for the treatment of Oral Squamous Cell Carcinoma: development and characterization of a local dosage form by using an experimental biologic protocol.

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with the score of 14.5 given from the team leader, justified mainly by the limited publication record of the applicant. Final Score: 14,5

GR-2011-02351284

The impact of different lipid subtype analyzed by lipidomics on cardiac and vascular structur and function in metabolic Syndrome and Essential Hypertension

Status F2F: In progress

This is an application by a strong young investigator, who wants to expand a current interest in arterial properties to lipidomics. It is not clear that the proposal as written will directly address the hypothesis. The design has not been well developed in terms of the sample characteristics. The proposal will be strengthened with a collaborator with expertise in lipidomics, and also preliminary lipidomic data. Final Score: 20,5

GR-2011-02351328

Genomic and proteomic studies for the prevention of metabolic syndrome induced by antipsychotics

Status F2F: In progress

After reviewing the scores and the comments of the reviewers, the committee agrees with the average final score of 18. Final Score: 18

GR-2011-02351345

⁶⁸Ga-citrate PET / CT as an advanced tool for the diagnosis of infections/inflammations of uncertain localization and nature.

Status F2F: Confirmed

The Editor has indicated inadequate scoring provided by the Team Leader due to a rate that does not justify the novelty, originality and transferability of the proposal, as well as the merits of the Applicant. Specifically, a score of 1 and a score of 2 for the novelty and Applicant's profile, respectively, have been given. This does not match with the guidelines. 1) The proposal is not completely novel, indeed the second reviewer has indicated a score of 6.5. Similar findings have been already reported in the Literature. Therefore, the scientific review committee has scored the novelty as 4, according to guidelines. 2) The profile of the Applicant has been scored as 2 from the Team Leader, and 8 from the second reviewer. The scientific review committee has evaluated the application and scored the merits of the Applicant as 5, according to guidelines.

Based on all these considerations, the scientific review committee has provided a final score of 14.

Final Score: 14

GR-2011-02351371

An open source computer package for estimating the burden of cancer disease using a Bayesian back-calculation approach.

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with lack of novelty and originality and suggests a final score of 16. Final Score: 16

GR-2011-02351372

Astragalus membranaceus extracts: preclinical and clinical study for the treatment of chemotherapy-induced neuropathy

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with the final proposed F2F score. Final Score: 18,5

GR-2011-02351396

OMICS biomarkers of xenobiotic- and radiation-induced ovarian failure in farm animals - Impact on animal production and translational research for human reproductive medicine.

Status F2F: In progress

The aim of this project is the identification of OMICS (genomic, transcriptomic, epigenomic and live imaging) biomarkers of xenobiotic- and x-ray radiation-induced ovarian failure in farm animals (bovine, equine and ovine) with high economic impact on animal production industry. The proposed research will develop an in vitro ovarian model for study of environmental disrupting chemicals using bovine, equine, and ovine tissues, and describe the effects of chemicals and irradiation on ovarian function. The PI is a young investigator with a strong early track record in this field of study (including first publications), and with great promises in general. The PI also assembled a very good team of collaborators, together ensuring the successful completion of the proposed studies.

Methodologies are appropriate. The overall experimental approach is detailed and will include the development of an in vitro system to for oocyte maturation, IVF, ICSI and embryo development, image-based evaluation of cumulous-oocyte complexes zygotes and embryos and correlate with tissue levels of pollutants and assess bovine and human ovarian tissue for irradiation effects.

However, the committee feels the proposed research is overambitious, making the achievement of the goals not feasible in the 3-years timeframe. After reading the scores and the comments of the reviewers, the committee agrees with the final score of 12.

Final Score: 12

GR-2011-02351399

Predicting the individual's potential for functional recovery in Multiple Sclerosis: an advanced neuroimaging strategy

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 20,25

GR-2011-02351402

Identification of functional non coding variants involved in autoimmune disease for use as markers for disease diagnosis

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19

GR-2011-02351422

The role of inflammatory cytokines in the pathophysiology of mood disturbances in multiple sclerosis

Status F2F: Confirmed

Reviewers disagree in most of the comments and assigned scores. Although they try to find a common way out, the committee has concerns on the correspondence between comments and assigned scores. Major discrepancies are observed in the scores assigned to scientific quality, novelty and methodologies. For these specific fields the committee agrees on assigning a value that in between the two original evaluations; more in detail scientific quality would be given a score of 3, novelty 3 and methodologies 3. Project reaching a final score of 12. Final Score: 12

GR-2011-02351464

Prediction of the risk of spinal deformities after surgical decompression and development of preventive strategies

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12,75

GR-2011-02351468

Immunologic endometrial pattern in preterm delivery

Status F2F: In progress

The applicant aims to elucidate the correlation between endometrial inflammation cytokine and angiogenetic factors related to preterm delivery. The proposal is interesting but lacks of novelty and originality. The applicant has a very good track record and proper experience in this field. The proposed approach seems to be too ambitious for the 3 year- timeframe.

After reading the scores and the comments of the reviewers, the committee agrees with the score proposed in the F2F forum.

Final Score: 14,5

GR-2011-02351479

Definition of a neurophysiological marker for the evaluation of the functional brain connectivity in the early diagnosis and prognosis of prodromal AD

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 23,75

GR-2011-02351493

The electrophysiological correlate of mirror therapy: study of the effectiveness of motor rehabilitation in stroke patients.

Status F2F: In progress

This project is characterized by some transferability potential. Nonetheless, description of the investigation methodology is limited. After reading the scores and the comments of the Reviewers, the Committee agrees to accept the average score of 25.75. Final Score: 25,75

GR-2011-02351494

Immune response against Rickettsia spp and molecular characterization of strains in order to find new prevention strategies

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 22,5

GR-2011-02351501

System-level investigation of drug-resistant epilepsies through functional connectivity: relationship with cognitive performance and relevance for post-operative prognosis.

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 14,75

GR-2011-02351518

A new method for melanoma prevention: total body digital photography-assisted patient self-examination and combined dermoscopy/reflectance confocal microscopy management of suspicious skin lesions

Status F2F: In progress

The scientific panel agrees with the proposed F2F score Final Score: 14,5

GR-2011-02351531

Diagnosis of attention-deficit/hyperactivity disorder (ADHD) in adults by quantitative EEG and transcranial magnetic stimulation markers.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19,25

GR-2011-02351536

Combined antagonism of adenosine A2A and glutamate mGlu5 receptors as therapeutic strategy for Parkinson's disease: preclinical study and clinical implementation

Status F2F: In progress

After reading the scores and comments of the two reviewers the committee consider to accept the averaged score Final Score: 18,25

GR-2011-02351551

Infant MLL leukemia: from the identification of leukemia-initiating cells and the study of disease clonal progression toward the development of new therapeutic approaches

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16,25

GR-2011-02351567

Status epilepticus in paediatric population: development of diagnostic and therapeutic guidelines, and prognostic predictors.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 20,5

GR-2011-02351585

Mycobacterium tuberculosis-specific immunity in patients with ongoing tuberculosis disease: role in the response to therapy in subjects with and without immunodepression.

Status F2F: In progress

After reading the scores, comments and the extensive discussion in the forum of the F2F of the reviewers the committee agrees with the proposed F2F score. Final Score: 15

GR-2011-02351591

Melusin cardioprotective role against ischemia-reperfusion injury in an animal model of metabolic syndrome.

From signal transduction pathways to gene transfer therapy.

Status F2F: In progress

After reading the scores and the comments of the Reviewers, the Committee agrees with the final face-to-face score of 20.5. Final Score: 20,5

GR-2011-02351595

MOLECULAR TRANSFORMATION OF MDS INTO AML: DISCOVERY OF NOVEL TERAPEUTIC APPROACHES

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with the final proposed F2F score. Final Score: 17,5

GR-2011-02351620

Cerebellar DC stimulation for ataxia

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 23

GR-2011-02351631

Diagnostic value of tumoral neoangiogenesis and proteasomes profile in small liver lesions.

Status F2F: In progress

Major differences in score assigned in methods and budget but scores are anyhow quite high. The committee agrees on a final score that represents the average score. Final Score: 19,5

GR-2011-02351633

Nanostructured wound dressing to prevent infection and improve tissue regeneration

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 25,25

GR-2011-02351636

Molecular and genetic investigations of the role of BMP15 oocyte-derived growth factor in female fertility

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 12

GR-2011-02351644

Biochemical strategies for the development of new diagnostic techniques for the monitoring of HIV/AIDS

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 20,25

GR-2011-02351649

COGNITIVE COMPUTER - ASSISTED REHABILITATION IN STROKE NEUROLOGICAL RECOVERY: A PILOT STUDY

Status F2F: In progress

The Applicant aims to propose a pilot study related to computer-assisted rehabilitation for neurological recovery in patients with stroke. The topic is not completely novel. The PI of the submitted proposal has not proven her ability to work as an independent investigator, as shown by the poor track of publications. The working methodology and development strategies are not always very clear and it appears not easy to follow how possible expected results will be linked together to reach the main aims of the submitted studies. The Committee has agreed on a final score of 23.75. Final Score: 23,75

GR-2011-02351665

Maturity-Onset Diabetes of the Young: novel molecular genetic approaches for improving diagnosis and for assessing prevalence among atypical type 1 or type 2 diabetes

Status F2F: In progress

PI is young investigator with low-moderate publication track. No first or senior authorships. Concern regarding the effective leadership in this proposal. Study design with several weak points regarding patients; recruitment, stratification and statistical analysis. After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 22.5 Final Score: 22,5

GR-2011-02351711

Effects of early pulmonary rehabilitation and long-term exercise on functioning, quality of life and postoperative outcome in lung cancer patients.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 10,25

GR-2011-02351727

The role of metformin on metabolic side effects induced by antipsychotic drugs: clinical efficacy and biomolecular correlates

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,25

GR-2011-02351736

Neuromedin U pathway in the control of obesity and other hypothalamus-regulated phenotypes

Status F2F: In progress

PI is young investigator, MD, specialized in public health. Although the publication track is good, the PI has no senior authorships raising the concern of the effective leadership. After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 12.25. Final Score: 12,25

GR-2011-02351822

Stroke-dependent alterations of functional connectivity and their modulation by novel rehabilitation strategies to improve long-term outcome

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 17

GR-2011-02351836

Learning from neoadjuvant to improve adjuvant chemotherapy in breast cancer

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 15

GR-2011-02351847

Increased nuchal translucency in the presence of normal chromosomes: what's next?

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 28,75

GR-2011-02351854

New biomarkers of vascular calcification: the bone-vascular axis derangement in Chronic Kidney Disease and Osteoporotic patients.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,5

GR-2011-02351882

RECOGNITION OF FAMILIAR FACES AND VOICES IN MODERATE TO SEVERE ALZHEIMER'S DISEASE: A FUNCTIONAL MRI STUDY

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 32,75

GR-2011-02351883

Role of estrogens and their receptors in aldosterone synthesis in humans.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 22

GR-2011-02351885

Multiple sclerosis as a cytokinopathy of the central nervous system: acute and chronic effects on neurons

Status F2F: In progress

Overall evaluation: Overall Evaluation: After reading the scores and the comments of the reviewers, the committee agreed with the average score. Final Score: 22

GR-2011-02351907

Communication skills in schizophrenia: assessment, impact on social functioning and neurobiological correlates

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 31,5

GR-2011-02351959

Development of a suicide antibody cocktail against HIV

Status F2F: In progress

After reading the scores and comments of the reviewers the committee agrees with a score that represents the average of the two revisions, justified also by the limited publication record of the applicant. Final Score: 15,75

GR-2011-02351974

Trajectories of continuity-of-care: an action-research on the challenges from neurologic diseases for health care organizations, professionals and society

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 14. Final Score: 14

GR-2011-02351980

Study of transmission events and primary resistance to antiretrovirals to support control strategies of HIV-1 spread at population level

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 15,5

GR-2011-02351986

NEURON-GLIAL INTERACTION IN BEHAVIOURAL NEURODEVELOPMENTAL DISORDERS

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 21

GR-2011-02351999

Development of a dedicated virtual anatomy framework for preoperative planning and intraoperative navigation for neurovascular, skullbase and posterior fossa neurosurgery

Status F2F: In progress

As far as concern facilities, all the equipment are present for the proposed studies and are not to be unique. After reading the scores and comments of the two reviewers the commette consider to accept the averaged score Final Score: 20,5

GR-2011-02352001

Molecular and functional characterization of Th17 cell populations in the gut.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the aproposed F2F assessment Final Score: 11

GR-2011-02352015

A Large Scale Study on the Application of Dried Blood Spots Sampling and High-Resolution Mass Spectrometry in the Forensic Toxicology Field of Driving Under the Influence of Drugs

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 25,5

GR-2011-02352024

Coupling transcranial electrical stimulation and Brain Computer Interface in post-stroke rehabilitation

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 23,25

GR-2011-02352031

Measures and mechanisms of recovery of consciousness in severely brain-injured patients: a longitudinal, multimodal study

Status F2F: In progress

The committee has evaluated the proposal and mostly agrees with the comments provided by the two reviewers. The approach presented is interesting despite some limitations in data analysis. Despite this, the purpose of the proposed research and the clinical usefulness of its potential results are significant. For this reason a final score of 11.25 that is the average of the two reviewers' scores is proposed. Final Score: 11,25

GR-2011-02352039

Increasing adaptive behavior and quality of life of ASD subjects through synthetic ecological scenarios.

Status F2F: In progress

Reviewers agree on comment of facilities but give different score. The second reviewer has concerns about scientific quality and novelty but still assesses high score (1.5-2) therefore the committee agrees on a score which is the average of the two scores. Final Score: 15,75

GR-2011-02352049

MELUSIN BASED GENE THERAPY FOR CRITICAL ILLNESS MYOPATHY IN PRECLINICAL ANIMAL MODELS

Status F2F: In progress

After reviewing the scores and the comments of the reviewers, the committee agrees with the average final score of 14,2, due to several concerns as indicated by reviewers 2. Final Score: 14,25

GR-2011-02352050

Putative brain oscillations in shaping spatial attention: from physiological to pathological aging.

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 14,5

GR-2011-02352069

Effects of the administration of "Functional food" on production performance, reproductive and welfare of sheep.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 33,75

GR-2011-02352082

Standard cost definition for the management of patients with Severe Acquired Brain Damage (SABD)

Status F2F: In progress

After carefully examining the proposal we agree with the score of the reviewer 1 with particular regards to the score related to CV of the PI and the research team. Furthermore, the grant is poorly presented and it is very hard to understand which results arise from this proposal. After reading the scores and comments of the two reviewers the committee consider to accept the averaged score Final Score: 25,25

GR-2011-02352092

Intestinal permeability in multiple sclerosis

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 20,75

GR-2011-02352112

Identification and evolution of molecular neurovirulence determinants in WNV strains isolated in Italy

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 25,5

GR-2011-02352115

Non-invasive assessment of plasticity and homeostatic metaplasticity during motor recovery in stroke patients

Status F2F: In progress

The two reviewers mostly agreed in the judgment of this proposal. They both found the overall goal of this proposal interesting and relevant. However, a reviewer questioned the poor description of the proposed statistical tests and the fact that the applicant has a limited experience. The other reviewer found that important details were missing in the proposal. As a general comment the committee believes that the proposal might benefit from a revision and resubmission and it is suggested that more experienced collaborators are included in the proposal in the future. A final score of 19.5 is proposed. Final Score: 19,5

GR-2011-02352118

Next generation sequencing to speed up molecular diagnosis and to identify novel causes of atypical hemolytic uremic syndrome

Status F2F: Rejected

The Committee has re-evaluated the present proposal, due to the lack of agreement between the two reviewers.

The submitted proposal is of potential interest for the scientific and medical communities. Nevertheless, the proposed topic is not completely novel. The working methodologies and development strategies sound, nevertheless, they appear vague and there is a lack in describing how the functional role of possible identified genomic aberration will be carried out. Importantly, more information related to the bioinformatics analysis should have been provided. The PI has shown expertise in the specific area of studies. The overall requested budget is high. The Committee, after having revised the proposal has agreed on a final score of 14.

Final Score: 14

GR-2011-02352121

Validation of training system based on Hybrid Physical-Augmented Reality for US guided Targeted Therapies

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 21,25

GR-2011-02352130

A Predictive Clinical Service: identification of markers for the early diagnosis of Alzheimer's disease.

Status F2F: In progress

Comments of the two reviewers are matching although assigned scores are different, but still quite high. The committee agrees with a score that represents the average of the two revisions. Final Score: 21,5

GR-2011-02352165

Mycoplasma pneumoniae post-infectious encephalitis in children: a model to study the role of infections in the development of autoimmunity

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 25.5. Final Score: 25,5

GR-2011-02352170

Novel diamond based dosimetric systems for advanced Radiation Therapy techniques

Status F2F: In progress

After reading the scores and the comments of the reviewers, the committee agrees with the final score of 24. Final Score: 24

GR-2011-02352172

Predicting and preventing pegIFN α -induced depression for a better treatment outcome and quality of life in HCV patients

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 13

GR-2011-02352179

STABLE: Strategies and Tools for Abilities Building-up in Locomotion and Equilibrium

Status F2F: In progress

After reading the scores and comments of the two reviewers the committee consider to accept the averaged score. In particular the approach does not seem to be novel and it will not be able to generate innovation in the field or strong benefit for the patients. Final Score: 20

GR-2011-02352187

OVERNUTRITION AND BRAIN HEALTH IMPAIRMENT: EPIGENETIC MECHANISMS POTENTIALLY CORRELATING METABOLIC AND NEURODEGENERATIVE DISEASES

Status F2F: In progress

The F2F was in an advanced stage and the two reviewers agreed on the final score. For this reason the proposed F2F score of 12.00 is accepted by the committee. Final Score: 12

GR-2011-02352201

Role of brain connectivity in the different stages of multiple sclerosis

Status F2F: In progress

The scientific panel agrees with the proposed F2F score Final Score: 13

GR-2011-02352225

Multiple sclerosis rebound upon fingolimod discontinuation: evidence and mechanisms involved

Status F2F: Confirmed

The panel committee reports that the request budget for researcher contracts exceeds the limit of the text of the call and proposes in case of funding a revision of the budget Final Score: 11

GR-2011-02352226

Web-based Decision Support System for integrated infection analysis and risk control in critical hospital areas

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 16,5

GR-2011-02352231

Patients safety in Radiation Oncology: benefit of transit dosimetry in complex radiation therapy procedures

Status F2F: In progress

The F2F was in an advanced stage and the two reviewers agreed on the final score. Both reviewers found this an interesting proposal that aims to develop a practical clinical strategy for online real time dosimetry monitoring in radiation oncology. Strengths of the proposal are that it is very translational to the clinical realm and the potential public health benefit. Weaknesses include that the proposal is not well written and at times the aims/hypotheses are vague. The file designated as preliminary data is not self-explanatory. For this reason the committee accepts the proposed F2F score of 16.00. Final Score: 16

GR-2011-02352252

IDENTIFICATION OF MOLECULAR BIOMARKERS FOR EARLY DIAGNOSIS AND SCREENING OF CHRONIC ALLOGRAFT DYSFUNCTION IN RENAL TRANSPLANT RECIPIENTS

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,25

GR-2011-02352269

Induction of a suspended animation state by inhibition of neurons of the central nervous pathway for thermoregulatory cold defense in pig

Status F2F: In progress

PI is young investigator, MD, neurosurgeon. Good publication track but not in the field of the proposal. No senior authorship. The committee shares the concern of the second reviewer regarding the PI effective leadership. After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 12.5. Final Score: 12,5

GR-2011-02352299

IDENTIFICATION OF COLORECTAL AND BREAST CANCER STEM CELLS AS NEW THERAPEUTIC TARGET USING METABOLOMIC AND MOLECULAR ANALYSIS

Status F2F: Rejected

After reviewing the scores and the assessments of the reviewers, and after considering the weak scientific profile of the investigator, the commission agrees with the final score of 22.5, proposed by the team leader in the face to face forum. Final Score: 22,5

GR-2011-02352306

Evaluation of the feasibility and cost effectiveness of a multi-factorial intervention for the reduction of cardiovascular risk in patients with type 2 diabetes

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 20,75

GR-2011-02352361

AGaPE: Active video Games rehabilitation framework for children with cerebral Palsy using natural user interface

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 18

GR-2011-02352392

Dopamine dysregulation syndrome and impulse control disorder in Parkin and in GBA mutation carriers with early-onset Parkinson's disease

Status F2F: In progress

After reading the scores and comments of the two reviewers the committee consider to accept the averaged score. Final Score: 14

GR-2011-02352400

Interaction between environmental mycotoxins and the porcine type I Interferon system: a model of response to non-infectious stressors

Status F2F: In progress

The committee has evaluated the proposal and agrees with the comments provided by both reviewers. For this reason a final score of 22.75 that is the average of the two scores is proposed. Final Score: 22,75

GR-2011-02352404

Efficacy of Phenytoin versus Phenobarbital in the treatment of neonatal seizures

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 31

GR-2011-02352458

Effects of treatment intensity in robotic gait training for patients affected by subacute stroke

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 21

GR-2011-02352469

Urinary exosomal microRNA in incipient diabetic nephropathy

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 17

GR-2011-02352489

Telestroke in Tuscany: a pilot study to deliver thrombolysis in peripheral hospitals and to enhance interactions within regional stroke network

Status F2F: In progress

Comments of the two reviewers are matching although assigned scores are different mainly for the methods session. The committee agrees with a score that represents the average of the two revisions. Final Score: 17,25

GR-2011-02352532

Developing Novel Epigenetic Therapies for High-Risk Neuroblastoma

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 17, as proposed in the face-to-face. Final Score: 17

GR-2011-02352553

Advanced communication interface device for neuropsychological rehabilitation and assistance through the immersion in naturalistic three-dimensional computer generated environment

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 26,25

GR-2011-02352564

COMBINATION OF NEUROPHYSIOLOGICAL AND NEUROIMAGING TECHNIQUES TO INVESTIGATE ALTERED BRAIN NETWORKS AND MOTOR PLANNING SECONDARY TO TRAUMATIC BRAIN INJURY (TBI)

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 19,25

GR-2011-02352569

Postural disorders in Parkinson's disease: epidemiology, prognostic factors and rehabilitation treatment exploiting proprioceptive sensory stimulation of the trunk muscles.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14

GR-2011-02352583

Cerebellar transcranial direct current stimulation for gait impairment in Parkinson's Disease. A randomized double-blind sham-controlled study

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 17,25

GR-2011-02352631

New strategy against a commensal microorganism normally present on the natural flora on human skin that now became one of the most important pathogens in nosocomial infections

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 32,5

GR-2011-02352674

Daily at-home follow-up of Parkinson's Disease patients motor performance through robotic and portable devices

Status F2F: In progress

Parkinson disease (PD) is motor disease. The tremor, rigidity and bradykinesia are widely subjected to daily fluctuation. The applicant proposes to develop an on-line monitored device that will allow all patients, family members and care givers to have real-time access to the wearable device information, differentiated for each group according to privacy rules. The investigator and this research team have extensive experience on this proposal research and have outstanding environment to process these proposed experiments. Although the scores assigned by the reviewers are different, the comments seem to be consistent between them. The committee agrees with the average score of 11.75. Final Score: 11,75

GR-2011-02352701

Social Motivation in Autism Rehabilitation Treatment (SMART)

Status F2F: In progress

The proposed study compares two evidence-based treatments for ASD, and hypothesizes that social motivation will predict treatment response.

The two reviewers mostly agreed in the judgment of this proposal. Both reviewers identified some limitations in the proposal. These limitations regard the sample size which does not seem adequate to test the main hypothesis. Moreover, the feasibility of developing a Social Motivation Battery was questioned in the given time period, and the extent to which the battery reflects "social motivation" as opposed to other constructs such as emotion knowledge is unclear.

For the above reasons the committee accepts the proposed F2F score of 18.5.

Final Score: 18,5

GR-2011-02352732

Phase II, randomized, placebo-controlled, double-blind, multicenter clinical trial using futility design on guanabenz in ALS

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 13,5

GR-2011-02352751

Drug-drug interactions with antidepressants: identification, impact and prevention in clinical practice

Status F2F: In progress

After reviewing the scores and the assessments of the reviewers, the commission agrees with the final score of 16.5, as proposed in the face-to-face. Final Score: 16,5

GR-2011-02352769

Different clinical markers between Pseudodementia and Alzheimer's disease: multimodal neuroimaging and neuropsychological approach

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 19,75

GR-2011-02352770

APPRECIATIVE INQUIRY (AI) AS A MODE OF ACTION RESEARCH IN HEALTH CARE SETTINGS AND HOME CARE.

Status F2F: In progress

The scientific panel after careful evaluation of reviewers' comments agrees on the average score as final Final Score: 24

GR-2011-02352800

TIMING-BASED NEUROFACILITATION STRATEGIES APPLIED IN EVERYDAY CLINICAL PRACTICE TO ENHANCE POSTSTROKE RECOVERY

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 22,5

GR-2011-02352827

Molecular screening and identification of the causative role of Protocadherin 19 (PCDH19) gene (Xq22) gene in a spectrum of epilepsy phenotypes and genotype-phenotype correlation

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14,25

GR-2011-02352903

Detection of the molecular signature likely to affect progression of human colon cancer by means of a system biology approach.

Status F2F: In progress

In regard to this project, after having examined the two peer-review assessments, the evaluation board agrees on accepting as final the average between the two scores. Final Score: 14
