



## **ACTIVITY REPORT 2015 BRUGMANN FOUNDATION**

### **I. History and mission of the Foundation**

The Brugmann Foundation is a Public Utility Foundation created in 2011. In 2012, it was officially registered in the “Moniteur belge” under reference number 0839.235.387.

Its mandate is to develop and support scientific research, save lives and stimulate the development of new medical treatments within the framework of the CHU Brugmann (Centre Hospitalier Universitaire Brugmann, University Hospital Brugmann), one of the biggest Brussels hospitals, with 854 beds, 24.500 admissions a year, the largest Belgian maternity and 330.000 consultations in its polyclinic.

The main aim of the Brugmann Foundation is to provide patients with the most effective treatments. To achieve this, the best scientists and clinicians from around the world should be attracted and development of new drugs and innovative approaches stimulated.

### **II. Activity report 2015**

#### **A. Tax certificates**

By Ministerial Decision of the Ministry of Finance, the Brugmann Foundation is entitled to deliver tax certificates for donations reaching 40 € annually. In 2015 the total sum of donations amounted to 12.345 €. These donations have been used in their entirety to finance scientific research in the University Hospital Brugmann, in the framework of grants and scholarships awarded by the Foundation.

#### **B. Projects selected by the Scientific Committee**

In the framework of its objectives, the Foundation has launched a Call for Projects in three categories:

- Credits for short stay abroad for nursing/paramedical/staff/doctor/pharmacist/biologist
- Research mandate for 1 year for a doctor or pharmacist/biologist
- Research grant (material or personnel).

The proposals submitted have been examined by an independent Scientific Committee, made up of:  
Professor Arsène Burny (FA Gembloux – FNRS Télévie) – President of the Committee  
Professor Gilbert Vassart (Genetics – ULB – Francqui Prize)  
Professor Robert Muller (Molecular imaging – UMH)  
Professor Jean-Louis Vincent (Intensive Care – ULB)

Professor Bart Leroy (Ophthalmology-Genetics – UGent)  
 Professor Johan Kips (Director Erasmus Hospital)  
 Professor Miriam Cnop (Laboratory experimental medicine-ULB)  
 Professor Olivier Degomme (Reproductive Health care-UGent)  
 Professor Vincent Donckier (Abdominal transplantation ULB).  
 Professor Florence Hut (Secretary of the Committee and General Medical Director of the University Hospital Brugmann)

Based on the recommendations of this Committee, the Board of Directors of the Brugmann Foundation has selected the following projects:

Subsidy	Name	Discipline	Amount
Fellowship	S. Campanella	Psychiatry	35.000 €
Grant	X.Noël	Psychiatry	5.245 €
Fellowship	A.Legrand	Plastic surgery	10.000 €
Grant	C.Mabiglia	Neuroradiology	5.000 €
Grant	H.El Kenz	Clinical biology	25.202 €
Grant	E.Leys	Ophthalmology	35.000 €
Grant	I.Stany	Anesthesiology	12.605 €
<b>TOTAL</b>			<b>128.052 €</b>

### Supported projects

1. **Mr. Salvatore Campanella**, Psychiatry

*Investigate whether the use of neurophysiology and more precisely of cognitive event-related potentials is an interesting way to identify sub groups of alcoholic patients displaying cognitive disturbances*

2. **Mr Xavier Noël**, Psychiatry

*Towards a more optimal interaction between impulsive and supervisory neurocognitive systems by training in alcohol dependent inpatients: study protocol for a randomized controlled trial*

3. **Dr. Anaïs Legrand**, Plastic Surgery

*Tendon and bone tissue engineering and characterization of a new allogenic non-hydrogel in an in vitro and in vivo model (rabbit model, rotation cuff, rat)*

4. **Dr. Chiara Mabiglia**, Neuroradiology

*Evaluation de la dacryo IRM chez les patients atteints d'épiphora : Etude comparative par rapport au cone beam CT*

5. **Dr Hanane El Kenz**, Clinical biology

*Evaluation of the impact on red cell allo-immunization and the feasibility of using red cell genotyping for patients presenting an important risk of allo-immunization*

6. **Dr Emmanuelle Leys**, Ophthalmology

*Chronic Central Serous Chorioretinopathy*

7. **Dr Ida Stany**, Anesthesiology

*Protocole Cristalloïde versus Colloïde en chirurgie abdominale majeure  
Etude multicentrique contrôlée randomisée en double aveugle*

**C.National Lottery**

**c.1. Research project in fetal medicine**

The National Lottery has awarded 60.000 € for the purchase of an ultrasound used to perform specific research in fetal medicine: *Cell free fetal DNA-test in twin pregnancies and the fight against iatrogenous loss of fetuses following amniocentesis.*

**D.King Baudouin Foundation**

**d.1.** Administrative follow-up of the project « *Evaluation of cardiac hemodynamic modifications during temporary left atrial appendage occlusion* », approved by the King Baudouin Foundation, Fund Dr and Mrs René Tagnon, for a total of 25.000 € ;

**d.2.** Administrative follow-up of the project « *Testons la mémoire des immigrés d'Emirdag* », approved by the King Baudouin Foundation, Fund Amélie for an amount of 20.000 €.

**E. Foundation against Cancer**

The Foundation against Cancer has approved a grant of 60.000 € for the project 'Medical and Social Coaching of the isolated cancer patient', which will be implemented by the Brugmann Foundation in collaboration with the Social Service and the Hemato-Oncology Department of the Brugmann University Hospital. With the help of the 'social coach' – a social worker by training – we strive for a more sustainable intervention than the one actually offered by the institutional framework. The isolated cancer patient does not have the necessary resources at different levels (financial, family, language barrier, illiteracy, psychiatric disorders...). He has specific needs that the social support offered by the hospital does not always cover. These needs include physical assistance while dealing with administrative procedures and organization of daily activities. The "social coach" works with trusted partners. He will evaluate the situation by means of home visits. The needs of the patient also include coordination and management of doctors' appointments and organization of transport.

## **F. Various**

*f.1.* The Foundation monitors and analyses project calls. Partnerships have been established with the European Commission, the National Fund for Scientific Research, BELSPO, INNOVIRIS, the Flemish Community, the French Community, with medical Foundations, with companies and with Universities affiliated to the University Hospital Brugmann.

*f.2.* The Foundation distributes a monthly information bulletin.

*f.3.* On November 9th 2015 a charity night was organised at Filigranes. We were able to raise 7.000 €.

*f.4.* The Brugmann Foundation participated in the 2015 edition of the 20 km of Brussels.

*f.5.* Organisation of direct mailing (4X/year)

*f.6.* 'Duo bequests' → Contact with Brussels Notaries.

31 January 2016