

**FUNDACIÓ INTERNACIONAL
JOSEP CARRERAS**
PER A LA LLUITA CONTRA LA LEUCÈMIA

REPORT ON ACTIVITIES 2005

SCIENTIFIC RESEARCH - SEARCH FOR UNRELATED DONORS OF BONE MARROW AND UMBILICAL CORD BLOOD -
CONTRIBUTIONS TO TREATMENT CENTRES - SOCIAL SERVICES FOR PATIENTS

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I. WHO ARE WE?

The **José Carreras International Leukemia Foundation** **IS:**

V a private Foundation, created in 1988, oriented towards **scientific research** with a very clear AIM:
“Work to make leukemia, one day, an illness that is curable for everybody, in all cases”

V an **international** foundation with four separate, coordinated centres: in Spain (Barcelona), in Switzerland (Geneva), in Germany (Munich) and in the United States (Seattle).

V a foundation that is financed thanks to **the contributions of individual members and donors, donations by companies, legacies** and, in particular, thanks to the **concerts and benefit recitals by its President, José Carreras**. The Foundation does not receive money from public funds.

V the foundation that manages REDMO (the Spanish register of bone-marrow donors), which searches for donors of bone marrow, peripheral blood or umbilical cord blood for patients throughout Spain and establishes contacts with hospitals in the public health system.

V a foundation that is at the side of patients and their families, offering information, orientation and accommodation in our network of apartments.

2. WHAT DO WE DO?

The José Carreras International Leukemia Foundation devotes its energies to **4** major areas:

- ➔ Support for scientific research through the award of national and international grants to young doctors.
- ➔ The search for unrelated donors of bone marrow, peripheral blood and umbilical cord blood for patients who do not have compatible relatives
- ➔ The provision of infrastructures at treatment centres
- ➔ Social services for patients with scant financial resources

2.1 Scientific research: grants awarded

WHAT DO WE DO?

Support for scientific research is one of the priorities of the José Carreras International Leukemia Foundation. Since it was founded in 1988, it has invested **more than 6 million euros** in support for scientific research and has financed more than 100 research projects. **41%** of the annual budget is devoted to this work.

The Foundation also maintains its commitment to several research units in order to maintain their infrastructure. To this end, it makes annual grants to the Hospital Clínic i Provincial; the Hospital Germans Trias i Pujol; and the Hospital Duran i Reynals, all in Barcelona, as well as to the Fred Hutchinson Cancer Research Centre in Seattle (USA).

In order to find a cure for leukemia and to improve patients' treatment and quality of life, the Foundation awards **national and international grants**.

Spanish grant

FIJC 05/ESP

International grant FIJC-05/ESP has been awarded to **Dr. Llorenç Coll i Mulet**, who received a doctorate in biomedicine from the University of Barcelona. The project presented was *Study of the activation of the p53 route and its involvement in the apoptosis in the LLC-B*. Dr. Coll will carry out the project in the Institut d'Investigació Biomèdica in Bellvitge - IDIBELL - (Barcelona).

International grant

FIJC 05/EDTHOMAS

The winner of international grant FIJC-05/EDTHOMAS is **Dr. Pablo Menéndez**, who received a degree in medicine from the University of Salamanca. Dr. Menéndez will carry out the project *Developmental Impact of MLL-AF4 Leukaemic Fusion gene on Human Stem cell fate*. The project will take place at the Institute of Cancer Research in London.

European grant

EHA – Josep Carreras

On the basis of the agreement reached in 1999 between the European Hematology Association (EHA) and the Carreras foundations in Spain, Switzerland and Germany, the fifth Josep Carreras-EHA grant has been awarded to **Dr. Brian Huntly**, of the Hematology Department of the Cambridge Institute for Medical Research. The winning project is *Characterisation of the molecular mechanisms of self-renewal in leukaemic stem cells*.

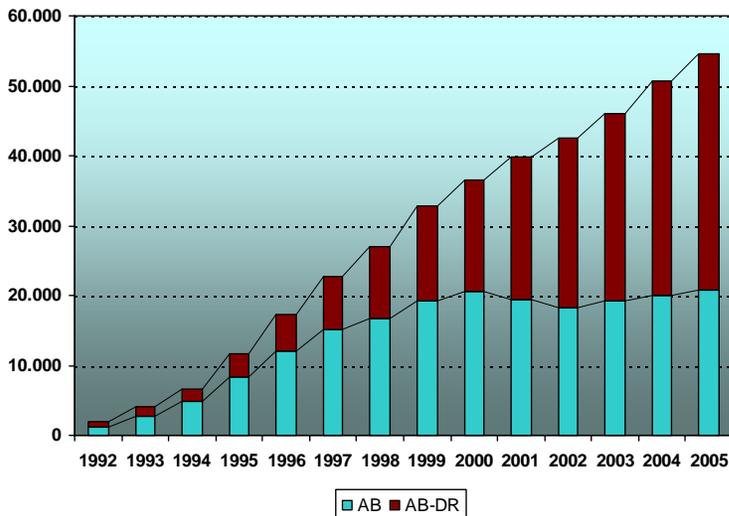
2.2 Redmo: summary of activities and results (I)

WHAT DO WE DO?

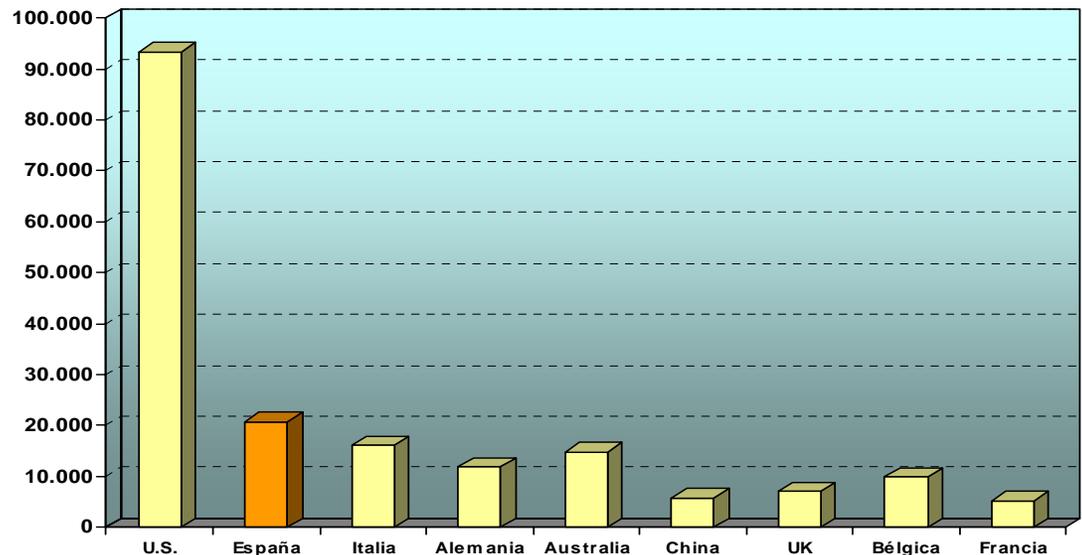
The REDMO programme coordinates activities to encourage members of the public to become donors and to search for volunteer donors in order to carry out transplants in patients with no compatible relatives. Only **1 in every 4 patients has a compatible family member**. All others must resort to volunteer donors or to autotransplants of bone marrow. The REDMO programme began in 1991 and its position as the only organisation in Spain devoted to the search for bone-marrow donors was reaffirmed as a result of an agreement between the Carreras Foundation and the Spanish Ministry of Health signed in 1994.

In Spain as a whole it now has **55,000 typed volunteer bone-marrow donors** and **more than 20,000 units of umbilical cord blood**. REDMO has access to the **10 million bone-marrow donors available through other registries around the world** and more than **200,000 units of umbilical cord blood stored in cord banks**. Spain is the country in the world with the second largest number of units of umbilical cord blood stored.

Number of typed Spanish donors



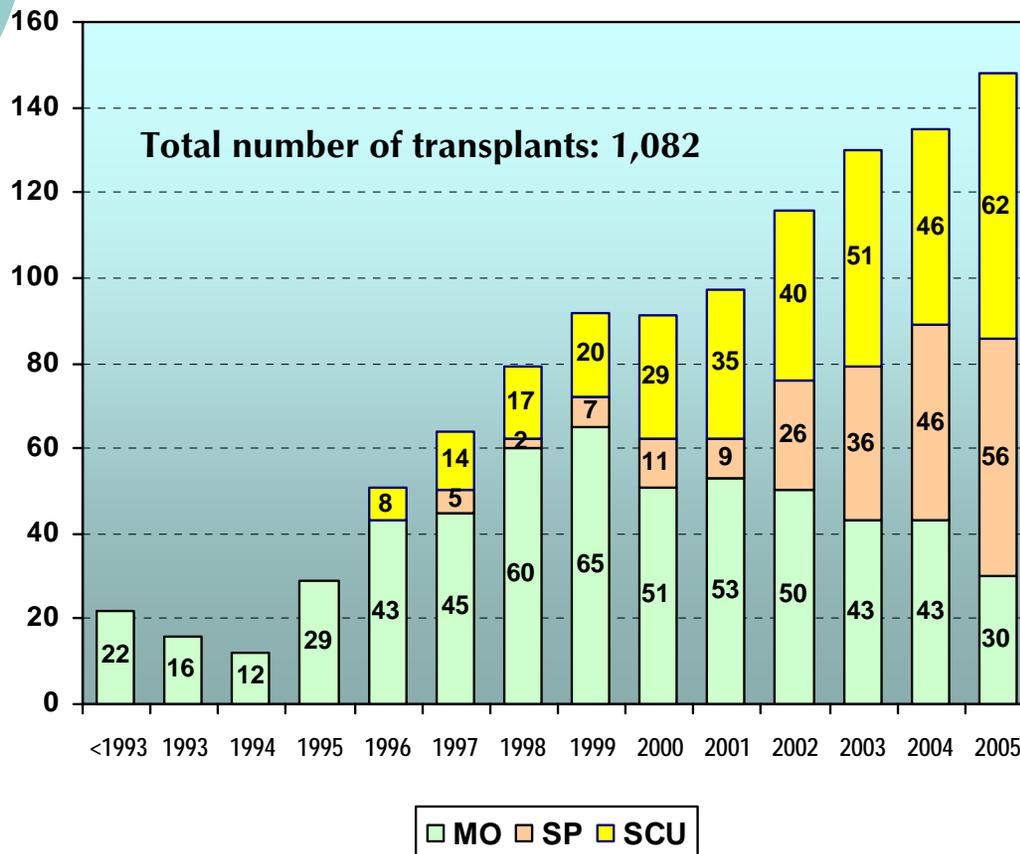
Units of umbilical cord blood by country



2.2 Redmo: summary of activities and results (II)

WHAT DO WE DO?

In 2005 the register of bone-marrow donors, REDMO, reached two important landmarks: the **1,000th transplant from an unrelated donor**, and an increase in the total number of Spanish donors (more than 55,000), with **4,714** newly-typed bone-marrow donors.



The different colours show the origin of the hematopoietic precursors (stem cells) that are transplanted.

Yellow shows donations from umbilical cord blood; orange, from peripheral blood and green from bone marrow.

2.3 Support for treatment centres

WHAT DO WE DO?

It is essential to bring the latest technology to patients and to equip the centres with the fundamental research tools.

Transplants of bone marrow, or of umbilical cord blood in the case of pediatric patients, have become consolidated as one of the best treatment options to cure leukemia patients. Hence, the Foundation seeks to contribute to the development of suitable facilities for this type of therapy and to research within the treatment centres.

The Foundation is trying to contribute to better and more efficient donor typing in order to make donors available to leukemia patients awaiting transplants as soon as possible and under the best possible conditions.

The Foundation has financed projects of this type in the Hospital del Mar, the Hospital Clínic, the Hospital Duran i Reynals, the Hospital Universitari Germans Trias i Pujol, the Fundació de Recerca Biomèdica in the Hospital Vall d'Hebron, amongst others, for example the Josep Carreras Transplant Unit in the Hospital Germans Trias i Pujol in Badalona (Barcelona province).

2.4 Social services for patients

HOW DO WE DO IT?

➔ Reception apartments

The Foundation has 5 reception apartments suited to the needs of patients and their families.

All of them are close the main treatment centres in Barcelona. Specifically, the Hospital Clínic, the Hospital de Sant Pau, the Hospital Vall d'Hebron, the Hospital de Bellvitge and the Hospital Germans Trias i Pujol, the latter in Badalona. In 2005 they continued to be regularly occupied, as they have been since 2003, with occupation rates of 71% in the case of the Bellvitge apartment and 100% in the one close to the Hospital de Sant Pau. In 2005, more than 15 families have benefited from this service in order to be close to members of their families receiving treatment. These families came from Lleida, Girona, Malaga, Murcia, Tarragona, Peru, Navarre, Las Palmas de Gran Canaria, Tenerife and Castellón.



➔ Free Medical Consultation

The Foundation also makes available to leukemia patients and their families around the world a **telephone (93 414 55 66), fax (93 201 05 88) and an e-mail address (consultasdoctor@fcarreras.es) to provide information about the disease**, which offer **free consultations with outstanding specialists** in the field of blood disease. In 2005, the doctor has answered more than 1.000 consultations.

3. HOW DO WE DO IT?

The Foundation is financed through individual contributions, donations by companies, legacies, and, above all, through the many concerts and benefit recitals given by its President, José Carreras. The Foundation receives no money from public funds.

The Foundation's current annual operating budget is **1,800,000 euros**.

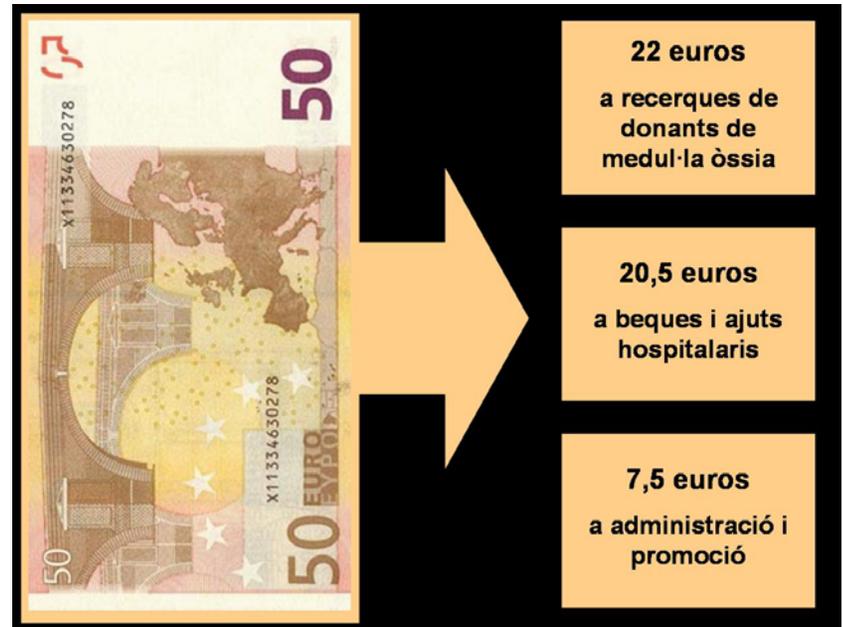
31% of the Foundation's income is from **donations by members and companies**, **23%** is from **interest on its founding capital** and **45%** is from **Mr. Carreras' charitable activities**.

The accounts are audited annually by KPMG Peat Marwick.

The Foundation invests its resources in the following way:

- **44% search for donors of bone marrow and umbilical cord blood**
- **41% grants and aid for hospitals**
- **15% administration and promotion**

For example, this is how we spend a €50 donation...



3.1 The President's activities

HOW DO WE DO IT?

In 2005 José Carreras, president of the Foundation, took part in these and many other activities in support of leukemia sufferers. Amongst them we could mention:

- January 2005:** Presentation of the campaign “Be a member”
- February 2005:** Benefit concert sponsored by the Union of Swiss Banks in Barcelona
- March 2005:** 2 benefit concerts sponsored by Würth in Barcelona and in Germany
- May 2005:** Concert in tribute to Hristo Stoichkov
- June 2005:** Visit to the Children's Cancer Hospital in Sofia (Bulgaria)
- September 2005:** Benefit concert in London in collaboration with the British Red Cross

Visit to the Pediatric Oncology Unit in the Vall d'Hebró hospital with Víctor Valdés

- December 2005:** 11th benefit gala on ARD TV in Germany for the fight against leukemia

Last year, José Carreras received, in recognition of his fight against leukemia, the *German Cross of Merit* and the *National Order of Romania*; the Foundation's social action was recognised by the *Forum of Famous Spanish Brands (FMRE)*; and Mr. Carreras was named *Honorary member of the Hematological Society of Greece*.



In January 2005, the Barcelona Faculty of Medicine was the scene of the announcement of the first TV campaign to garner members for the Foundation. The ceremony was attended by José Carreras; professor Ciril Rozman; Pablo Lemos, a 12-year-old boy who was able to overcome a myelodysplastic syndrome thanks to a transplant from an unrelated donor, and Paolo d'Arbitrio, a volunteer bone-marrow donor.



In September José Carreras visited the pediatric hematology and oncology unit at the Hospital de la Vall d'Hebró, accompanied by F.C. Barcelona goalkeeper Víctor Valdés.

3.2 Fundraising

HOW DO WE DO IT?

One of the essential tasks in the fundraising area is to obtain sponsors for the Media Campaign. In 2005 the Foundation's TV campaign was shown for the first time. In the second half of the year, sponsors were obtained for the next campaign (2006). All this produced the following results:

Corporate sponsors 2005

Campaign

January 2005 campaign

| | |
|------------------------------|------------|
| No. of showings on TV | 147 |
| Coverage | 36% |
| Accumulated contacts | 22 million |

Codorniu, Laboratoris Esteve, Bayer, Abertis, Inibsa and Banc Sabadell

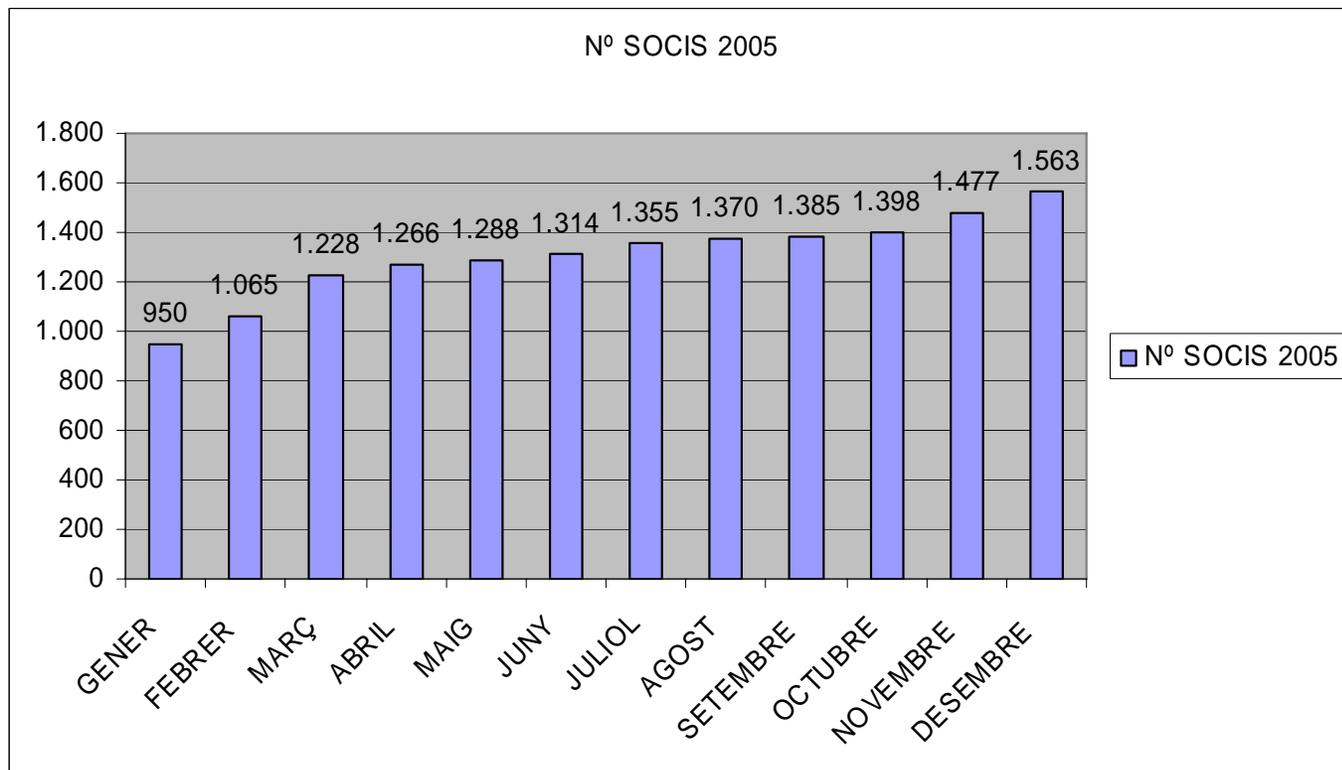
Others

Renta Corporación, La Caixa, Agfa and Barclays

3.3 Members

HOW DO WE DO IT?

One of the Foundation's aims is to raise public awareness of our efforts so that more and more people become involved in the fight against leukemia by making a financial contribution. The Foundation understands that periodic contributions are very important, since they provide financial support for many information and awareness-raising campaigns. In 2005, **more than 600 people** joined in with us, and by the end of the year we had achieved the figure of **1,500 members**.



3.4 Press and communication

HOW DO WE DO IT?

The Foundation has a Communication Department that keeps the media informed about the activities of the Foundation and of its President. The department's work has led to the publication of hundreds of articles in the national and regional press, and scores of news items, reports and interviews on radio and television.

The newsletter *Amics de la Fundació* is published in Catalan and Spanish three times a year and keeps members, collaborators, associations and the media informed of the Foundation's work.



Communication actions 2005

January – Press conference to announce the campaign

February – UBS benefit concert in the Casa Llotja de Mar in Barcelona

April – Bone-marrow donor recruitment campaign in the Autonomous University of Barcelona

June – Würth benefit concert in the Liceu opera house in Barcelona

July – Visit by José Carreras and the footballer Víctor Valdés to the Pediatric Oncology Unit of the Hospital de la Vall d'Hebró

August – press release: “Donors by Autonomous Community”

September – Tenth anniversary of the German foundation

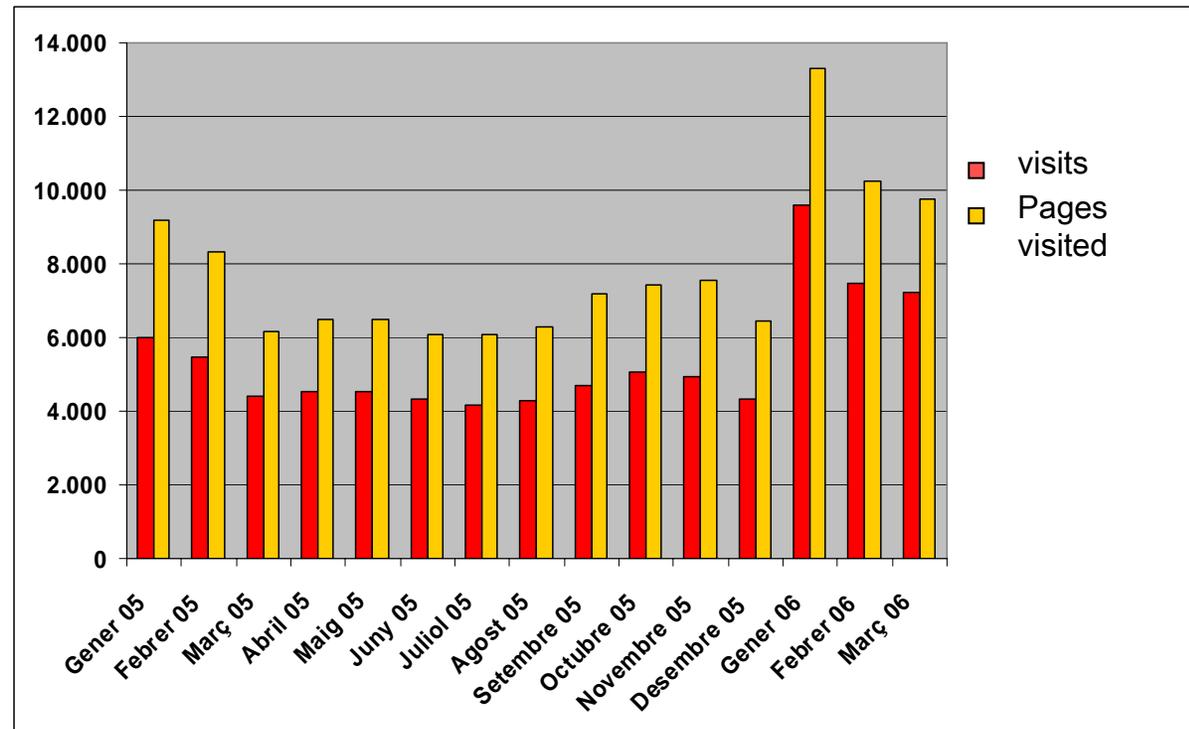
December – Ofelia Sala gala event in Vila-seca
– Benefit gala on ARD TV, Germany
– preparation of January campaign

3.5 La web: www.fcarreras.org

HOW DO WE DO IT?

The Foundation has a web page with all the necessary information to inform to the society about our activities, the illness, the donation of bone marrow and blood of umbilical cord or how to collaborate with us, among others. During 2005, the web of the Foundation has received a total of more than 56.000 visits and more than 83.000 pages have been visited. The average of visits at the month has been of 5.400.

The web of the Josep Carreras Foundation also has, from the end of 2003, a basic tool: the forum. There are 3 forum available: the forum of patients and ex-patients; the forum of donors of bone marrow and blood of umbilical cord and the forum "Friends of the Foundation". For example, the forum of patients and ex-patients has received during 2005 almost 400 messages.



4. Other activities

With the aim of raising public awareness and raising funds for the fight against leukemia, the Carreras Foundation has organised or supported these and many other activities:

- January 2005: Lecture on leukemia at the Col·legi de Farmacèutics de Barcelona
- March 2005: Benefit gala at the Auditori Josep Carreras in Vila-Seca
- Abril 2005: Solidarity for Saint George's Day event at the Autonomous University of Barcelona

Lectures on bone-marrow donation in Lleida and La Seu d'Urgell

- October 2005: REDMO attends the Spanish Hematology Association's congress
- November 2005: Marathon sponsored story-telling in Barcelona

Charity exhibition "Bosses solidàries"

REDMO attends the 18th conference of Bone-Marrow Registries in the United States

Benefit gala at the Auditori Josep Carreras in Vila-Seca.

- December 2005: Benefit gala at the Auditori Josep Carreras in Vila-Seca



On Saint George's day, the Foundation promoted bone-marrow donation amongst students at the Autonomous University of Barcelona



In November, the Palau de la Música in Valencia hosted an exhibition of bags to raise funds for the fight against leukemia. The bags were designed and customised by thirty well-known artists such as Albert Guinovart, Jordi Labanda or Modest Cuixart.

5 ACKNOWLEDGEMENTS

The growth and development of the José Carreras International Leukemia Foundation would not be possible without the generous aid of the Protector Companies and the collaboration of the institutions listed below, with all our recognition and gratitude.

PROTECTOR COMPANIES

Banco Bilbao Vizcaya Argentaria
Banco Santander Central Hispano
Caixa d'Estalvis i Pensions de Barcelona
"la Caixa"
Caja Madrid
Chopard, Genève
Grup Torras S.A.
Ibercaja
SEPI
Telefonica S.A.

Individuals and bodies who collaborate with the Foundation:

Carreras Club Wien
The José Carreras Society U.K.
The José Carreras Society of America
José Carreras Fan Club Japan
José Carreras Skandinaviska Klubb
The Friends of José Carreras U.K.
Mr. Alfons Gómez
Ms Ursula Vestweber
Grupo Solidario Amigos de la Fundación

COLLABORATING COMPANIES

Advocats i Economistes
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Despacho Jiménez de Parga,
Abogados Asociados
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International Management
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