
FINAL IREBID REPORT ATTACHED FILE – *Publishable summary*

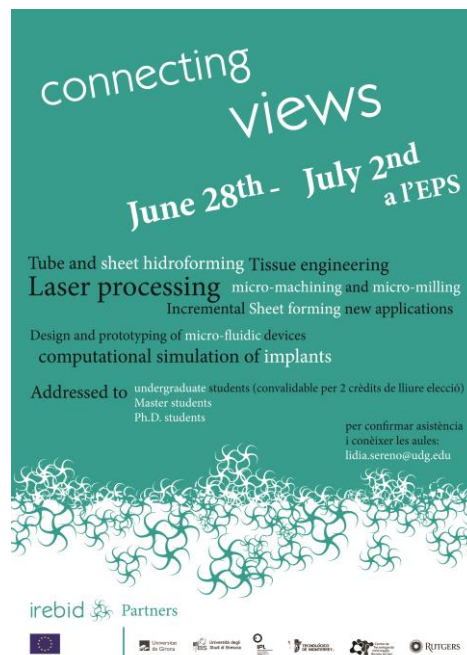
IREBID logo

The logo of the IREBID project is shown below.

**Promotion of the IREBID project**

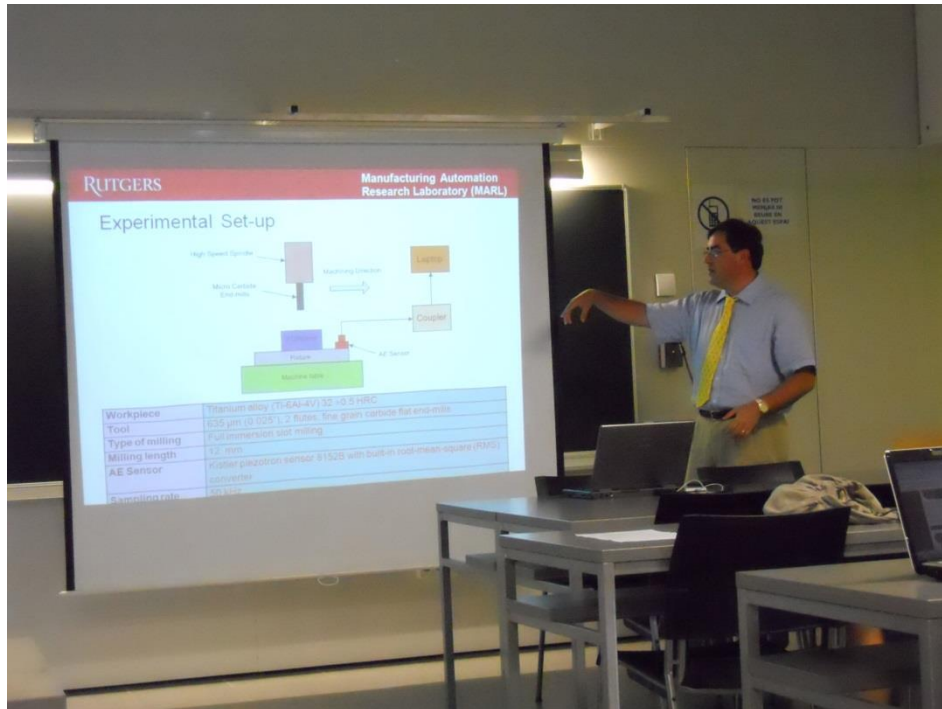
The promotion of the project was continually done through the web page (<http://irebid.udg.edu/>). In addition, several activities were carried out in order to promote the project and its results.

For instance, a workshop with undergrads, master, and PhD students was held in UdG (Girona, Spain). The below flyer and poster were used to advertise the event.



Different meetings and workshops with doctors, experienced researchers, and early stage researchers involved in the project were held during the project in Spain, USA, Italy, Brazil, Portugal, and Mexico. Some pictures of these events are shown below:

- UdG (Girona, Spain): lectures of ER, workshops with companies and workshops with doctors were held in order to promote the project and divulgate its objectives and results.





- Rutgers University (NJ, USA): during the 2nd annual IREBID meeting, several events took place (IREBID management meetings, lectures, visits, etc.)



- UNIBS (Brescia, Italy): a summer school and the 1st PROMED conference were held in Italy.



- CTI (Campinas, Brazil): workshops with ER, ESR, and doctors were held.






Células Tronco Mesenquimais

Medicina Regenerativa

MSCs – Medula óssea (MO)



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graph TD
    A[Aspirado de MO] --> B[Fração MNC]
    B --> C[Cultura]
    C --> D[MSCs]
    B --> E[Ficoll-Hipaque gradiente]
    C --> F["DMEM ou glime 80% 10% PSP"]
        
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- Clinical trials: 17** trials clínicos autólogos registrados no **clinical trials.gov**: MO-MSC fresca, expandida, obtida de cartilagem, osteoartrite de quadril, joelho, Osteonecrose de cabeça de fêmur.
- 6** trials para osteogenesis apenas 1 MSCs-MO demais TX alogênico de MO.

Vantagem: Autólogo, principal fonte de obtenção de MSCs

Desvantagem: Coleta

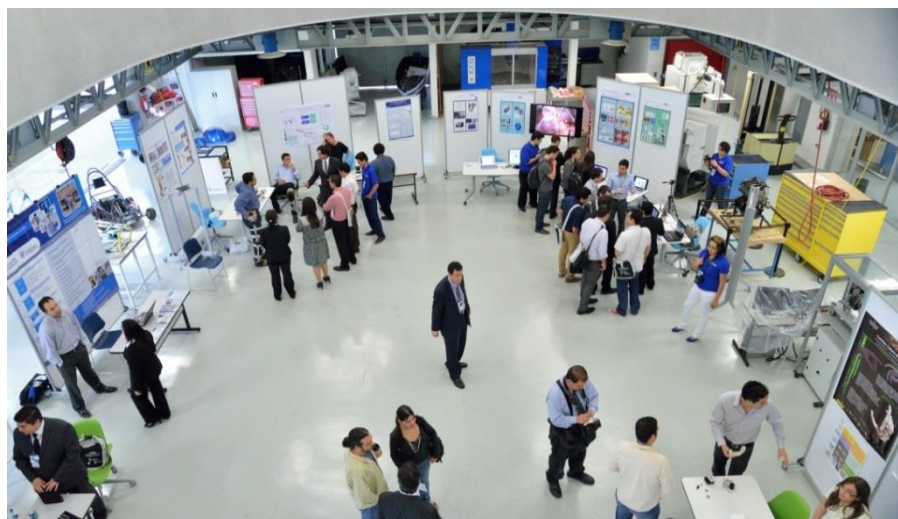
Envelhecimento das MSCs-MO

Injeção de MO fresca é de MNC, pool de vários tipos celulares, inclusive de células tronco, a concentração de MSCs é muito baixa 1:10.000 células.



- ITESM (Monterrey, Mexico): one of the management meetings was held in Mexico together with the 2nd PROMED conference. Moreover, a showroom with several prototypes of medical devices developed under different projects was presented.





More information about the minutes of the meetings can be found in deliverable D6.3 submitted to the EC.