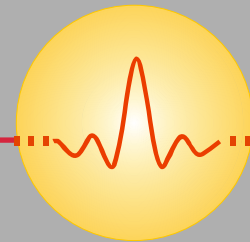


Pepric

In-Vivo Molecular and Functional Imaging
with Magnetic labels



Direct imaging of magnetic labels

- **High sensitivity vs long observation window**
 - limited by the final bio-distribution and clearance time of the particles
 - for slow bio-chemical processes, slow diffusion, slow accrual rate at target site
 - inflammatory diseases, cancer therapy monitoring
- **Temporal resolution**
 - real time imaging for fast bio-chemical and biological processes
 - perfusion tests
- **Cost per scan**
 - low magnetic fields
 - stable magnetic labels with long shelf life
 - MRI contrast media Endorem[®] and Resovist[®]



Molecular and Functional in-vivo Imaging for

Pre-clinical tests

→ pathologies with long kinetic processes

Clinical diagnostic imaging

→ early detection of metastases

Drug development

→ antibodies with slow blood clearance

Translational medicine

→ same label for small animal as for humans



Spin-off company of Imec

Founded in April 2009

Equipment development

Partnering with

- particle synthesis
- target specific functionalization
- in-vivo labs



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