



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 721537

Start date : January 2017

End date: December 2020



Participants

Joining their forces, 11 leading European research groups and 6 partner organizations from 7 EU member states decided to educate the next generation of imagers of the physiology and pathology of biological systems through :

- The use of small animals at early developmental stages to image simultaneously the behaviour of all cells within a living animal.
- New fluorescent markers to reveal the behaviour of individual cells.
- New microscopes to get better images with cellular or subcellular resolution within whole animals.
- Dedicated mathematical tools to analyse and to derive models of cellular behaviors.
- New solutions to address medical and societal challenges.

Main objectives:

- Use **different vertebrate species** to study early cellular behaviours
- **Master the whole pipeline**
- **Bring this science to the industry**

Marie-Curie Fellows

14 PhD students participate in the **ImageInLife** research and training programme. They all conduct original research projects dedicated to imaging vertebrates at cellular or subcellular levels. Network-wide workshops and transfers between research teams in the network will give them excellent training opportunities and enhance their career prospects.

