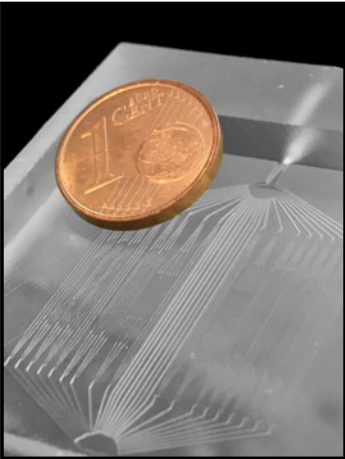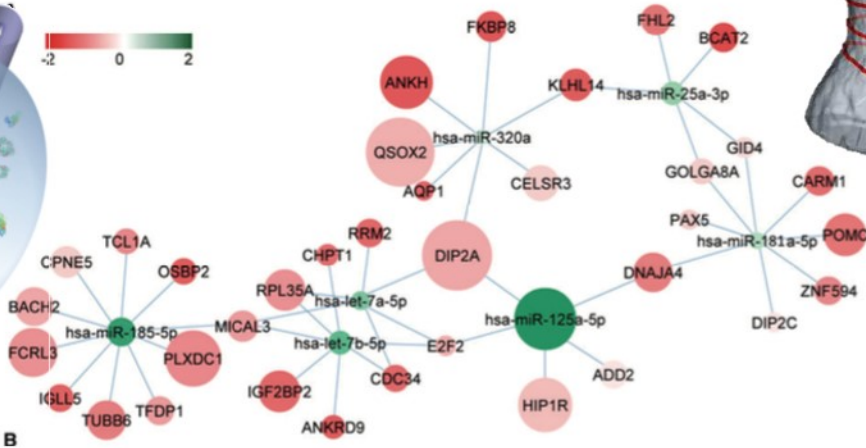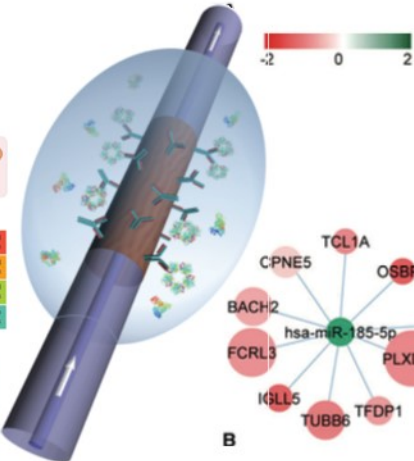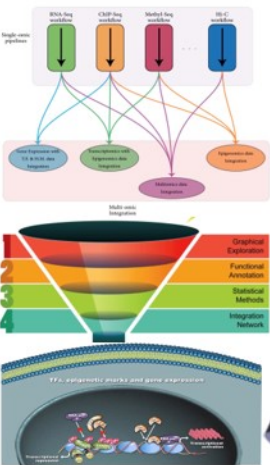**Objective:** Development of novel methodologies, algorithms, software tools, hardware devices, processes and technologies for clinical, medical and biotechnological applications.

Scientific Results:

AP Biotechnology is divided into 6 pillars fully in line with the European priorities:

- **Analysis, management and integration of biological big data**
- **Development of network-based approaches towards precision medicine**
- **Biophotonics**
- **Bioprocess and tissue engineering**
- **Mathematical software tools for bioengineering and biology**
- **Bio-sensors and Bio-inspired systems**