Project Information

**AIMIX**

Grant agreement ID: 101044779

**Funded under**

European Research Council (ERC)

**DOI**

10.3030/101044779

**Start date**

1 January 2023

**End date**

31 December 2027

**Total cost**

€ 2,206,963.00

**EU contribution**

€ 2,206,963.00

**Coordinated by**

UNIVERSITAT DE BARCELONA

Spain

Project description

Medical imaging powered by AI for resource-limited settings

AI has significant applications in healthcare. Radiology is a medical specialty that has greatly benefitted from AI applications. However, current AI developments in medical imaging mostly target high-income countries. Should this trend continue, the already pronounced inequalities in global health, particularly in rural Africa, will increase. The ERC-funded AIMIX project will develop a novel scientific framework for inclusive imaging AI in resource-limited settings, scalable to under-represented population groups and accessible to minimally trained clinical workers. The project will advance the current state of the art, from existing AI methods developed for high-resource clinical settings towards new fundamentally inclusive imaging AI algorithms. AIMIX
will also investigate the socio-ethical challenges and requirements of inclusive AI tools to promote future implementations in local settings.

**Fields of science**

- medical and health sciences > clinical medicine > radiology
- engineering and technology > medical engineering > diagnostic imaging
- natural sciences > physical sciences > acoustics > ultrasound
- natural sciences > computer and information sciences > artificial intelligence > computational intelligence

**Programme(s)**

HORIZON.1.1 - European Research Council (ERC)

**Topic(s)**

ERC-2021-COG - ERC CONSOLIDATOR GRANTS

**Call for proposal**

ERC-2021-COG

See other projects for this call

**Funding Scheme**

HORIZON-AG - HORIZON Action Grant Budget-Based

**Coordinator**

UNIVERSITAT DE BARCELONA

Net EU contribution
€ 1 825 968,00

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Participants (1)

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Activity type
Higher or Secondary Education Establishments

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