Profile form - Coordinator

Thematic area: Secure Societies

Topic:


Contact details

Name: Prof. dr. Guy Willems and Prof.dr. Patrick Thevissen
Institution: Katholieke Universiteit Leuven
Department Orthodontics - Forensic odontology
Organisation type: University
Adress: Kapucijnenvoer 7 blok a - bus 7001
3000 Leuven - Belgium
E-mail address: guy.willems@med.kuleuven.be
Telephone number: +32 16 33 24 59

Contribution to the project

Role in the project (coordinator, work package leader, task leader or participant):

- Coordinator of the project

Looking for (existing consortium, partners with specific expertise, etc.):

- Existing network or platform experienced in:
  - Managing identification related computer platforms
  - Creating computer platforms
  - Collecting and managing identification data. In particular biometric and medical data allowing for a global identification.
  - Policy and law regarding identification data storage, exchange and transmission
Contribution to the project (expertise, human resources, testing, lab facilities, etc):

- **Expertise**: In the domain of forensic age identification, primarily used to estimate the age of individuals with no or doubtful (incomplete) age documentation. Age estimations in the living are requested in relation to age thresholds in criminal investigations, during immigration procedures, and for civil purposes. In addition, estimating age of unknown bodies, facilitates a traced search for ante mortem data because it narrows the age interval of the searched individuals. Validated dental age estimation models were established at the Forensic Dentistry unit of the Katholieke Universiteit Leuven, Belgium. The models were constructed and validated based on worldwide collected databases. For forensic age identification of unaccompanied young applicants in migration and asylum procedures, the "Triple Test" was established. The Triple Test combines radiological (dental, skeletal) and a clinical test, and is based on the constructed dental age estimation models.

**Previous experience**

KU Leuven Research & Development (LRD) is the knowledge and technology transfer office (TTO) of the KU Leuven Association. LRD has developed a tradition of collaborating with industry, securing and licensing intellectual property rights, creating spin-off companies and stimulating knowledge-driven regional development.

**List of relevant peer-reviewed articles**:


