QMENTA offers a cloud-based neuroimaging platform that aims to accelerate the discovery and development of new treatments for brain diseases.

QMENTA Cloud Platform provides a great opportunity for hospitals, research centers, and pharmaceutical companies to accelerate their R&D workflow in neuroimaging:

- Dramatically improve patient selection for clinical trials with enhanced patient profiling
- Quantitatively track the drug’s efficacy using objective measures

PROBLEMS

Brain diseases affect 33% of the population in EU & US. Most are still incurable.

MRI scanners produce high volumes of data. Most is underused and qualitatively evaluated by specialists.

Analysis of images is slow and time-consuming. Details are missed or not seen. Computational tools are needed.

Current solutions are overly complex, poorly integrated and not effective or scalable.

SOLUTION

QMENTA provides a cutting-edge cloud platform for streamlining the imaging workflow for clinical trials and research.

All-in-one secure and compliant solution to store, share, and automatically analyze medical imaging data.

Software Development Kit (SDK) allows to bring, store, and run your own tools & pipelines and share them with the neuroimaging community.

ALL-IN-ONE CLOUD PLATFORM

Data management
- Secure, HIPAA & FDA compliant cloud platform for data storage, management, and sharing

Data analysis
- Reproducible quantification of brain tissue with common open source and licensed tools in addition to unique and proprietary algorithms

Cost effective
- Unique cloud platform environment, with much reduced costs, less TCO, no upfront costs

Collaboration
- Secure sharing of data and results within teams or with external trial partners to ease collaboration

Advanced statistics
- Ability to graph statistics and clinical scores of the cohort to discover trends & find outliers

SEGMENTS

All-in-one platform for neuroimaging workflow

We use state-of-the-art analytics with MRIs to quantify and measure changes in the brain and their location such that the development of drugs for brain diseases and the measurement of their efficacy can rely upon hard data instead of subjective observations.

Pharmaceutical companies & CROs

Platform responds to the needs of different clinical trials and their requirements with its fully flexible and customizable infrastructure

Hospitals & Research Organizations

Platform optimizes the total cost of the project by eliminating the expenses of owning a local IT infrastructure
QMENTA Cloud Platform is used by international hospitals, research centers and pharmaceutical companies for research studies or clinical trials.

Alzheimer’s and neurodegenerative diseases

- **Morphometric analysis** with common tools such as FreeSurfer or ANTs
- **Automated lesion segmentation** with optional manual verification/editing in the browser
- **Quantification** of lesion volume and distribution
- **Lesion filling** of anatomical images for improved morphometrics
- **Seamless computation** of multiple subjects with parallel analysis - virtually unlimited scalability thanks to our cloud architecture (i.e.: run 1000 analysis in parallel)

Security & Compliance

QMENTA follows rigorous frameworks on data security, integrity, traceability and electronic signature.

Multi-modal analysis

Combine neuroimaging outputs with other modalities (e.g. PET) and clinical information (e.g. EDSS)

- Easy import of additional data including clinical scores and analysis results
- Results export for further statistics such as second level analysis and group studies
- Support for multiple time points per subject for longitudinal analysis, enabling the tracking of disease progression

Enabling collaboration

QMENTA Platform eases project management and collaboration for multi-team or multi-center studies

- Flexible: Adapts to any organization or structure
- Customizable: Adjusts according to any project structure
- Easy sharing: Enables secure and fast sharing of data, analysis and results with all research parties
- Access levels: Allows different access levels: project admin, collaborator, guest, etc.

Team

QMENTA’s team is made of 23 experts in medical image analysis, visualization, software, and business on a mission to unlock the value of neuroimaging with its advanced cloud platform.

Management

- **Paulo Rodrigues, PhD**
  CEO, CTO, Co-Founder
  PhD in neuroimaging, MIT Innovator under 35

- **Vesna Prchkovska, PhD**
  COO, Co-Founder
  PhD in neuroimaging, Marie Curie fellow

- **Landon McKenna**
  President & CCO
  Experienced executive with strong business acumen

Advisors

- **Walter Gilbert, PhD**
  Nobel laureate, Business Angel, co-founder Biogen

- **Chris Llewellyn, M.D., PhD**
  Head of Medical Products & Global Pharmaceutical Practice at Top Consulting Company

- **Michael Fox, M.D., PhD**
  Assistant Professor of Neurology at Beth Israel Hospital, Harvard Medical School

Investors

- VC based in San Francisco
- Business Angels

Partners

- Google Cloud Platform
- Amazon Web Services
- Quantib

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