Up4Health. Intelligent Radiomics for early diagnosis of lung pathologies
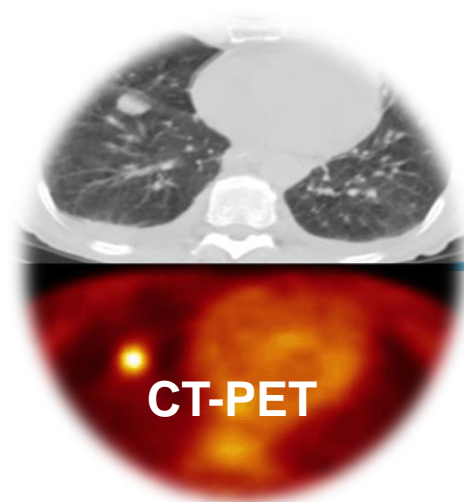
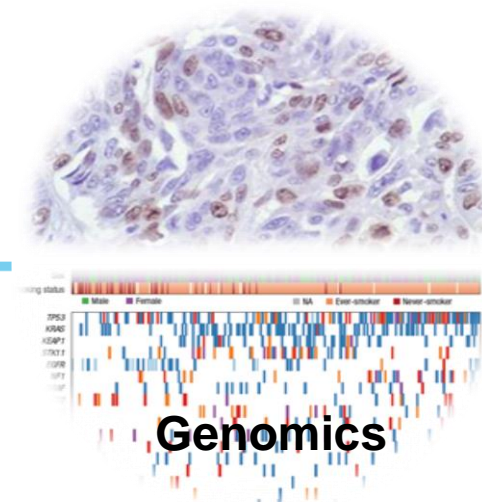Debora Gil, debora@cvc.uab.es,
www.iam.cvc.uab.es

Systems for Intelligent Radiomics
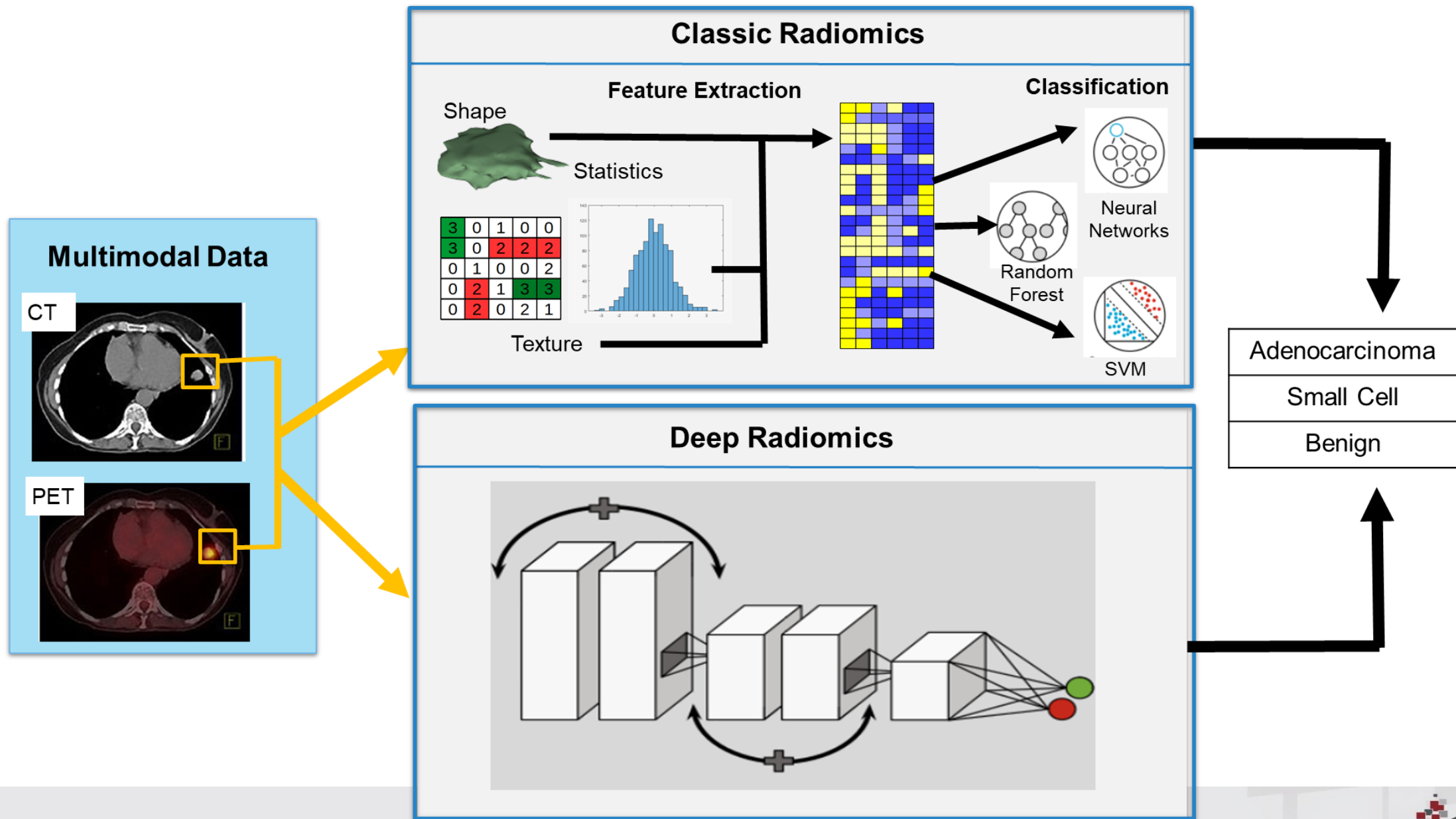
Early diagnosis of lung pathologies using multimodal data

Poblational Issues

CT-PET

Genomics
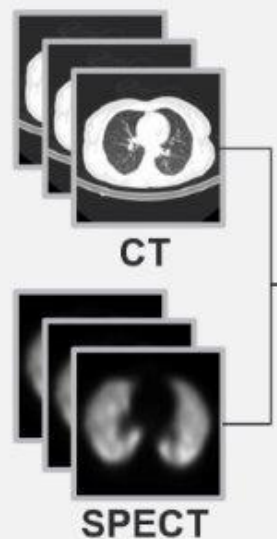
Data acquisition | Data fusion | Intelligent Radiomic Diagnosis

CT

SPECT

Raw volumes

Registered volumes

Radiomic features

1
2
3
4

Tissue classification
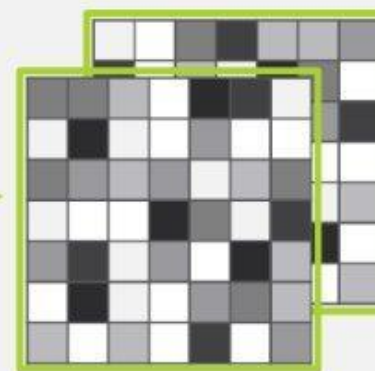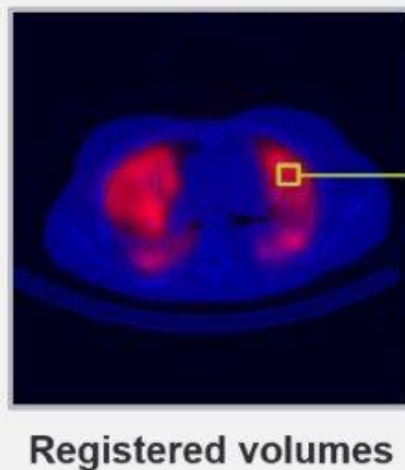
Detection of Pulmonar TromboEmbolism (Covid)

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Intelligent radiomics deployed as a Diagnosis as a Service can facilitate access to AI technologies in clinical premises without extra expenses for hardware acquisition or licensing.

Our DaaS solution includes High Performance Computing HW-accelerated (GPU, FPGA) platforms to efficiently deal with the 3D Multimodal Data Volumes