I³LUNG | Timeline

Work Package / Task	Y1: 3	6	9	12	Y2: 15	18	21	24	Y3: 27	30	33	36	Y4: 39	42	45	48	Y5: 51	54	57	60
WP1 Project management and coordination	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T1.1 Project management	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T1.2 Technical and innovation management	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T1.3 QA and risk management	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T1.4 Data management	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T1.5 Scientific coordination	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WP2 Ethical, privacy and data protection																				
T2.1 Ethical and legal inventory	X	X	X	X																
T2.2 In-depth ethical and legal study					X	X	X	X	X	X	X	X								
T2.3 Legal and ethical evaluation, implications and recommendation													X	X	X	X	X	X	X	X
WP3 Data capturing and integration (OMICS)																				
T3.1 Clinical Data	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
T3.2: Pathological analysis and molecular profiling of the cancer immune environment	X	X	X	X	X	X	X	X	X	X	X	X								
T3.3 Genomics and immune related transcriptomics	X	X	X	X	X	X	X	X	X	X	X	X								
T3.4 Metabolomics	X	X	X	X	X	X	X	X	X	X	X	X								
T3.5 Circulating biomarkers of response or progression	X	X	X	X	X	X	X	X	X	X	X	X								
T3.6 Microbiome profiling	X	X	X	X	X	X	X	X	X	X	X	X								
T3.7 Radiomics	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
WP4 Patient's QoL and Psychological impact of AI on medical decision-making																				
T4.1 Using self-reported QoL measures to identify trajectories over time	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
T4.2 Sensor-based monitoring system of QoL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
T4.3 Lung cancer patients' attitudes on AI/ML	X	X	X	X	X															
T4.4 Development of the IPDAS	X	X	X	X	X	X	X													
T4.5 AI-HI Impact of the IPDAS on shared and medical DM	X	X	X	X	X	X	X	X	X	X	X	X								
T4.6 Good practice guidelines for the inclusion of AI/ML in medical decision-making													X	X	X	X	X	X	X	X
WP5 Knowledge extraction																				
T5.1 Design of data curation	X	X	X	X																
T5.2 Derived future generation for real-word data-streams	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
T5.3 Test on prospective data					X	X	X	X	X	X	X	X	X	X	X	X	X			
WP6 Learning and Reasoning																				
T6.1 Model training and validation on real word data		X	X	X	X	X														
T6.2 Model training and validation on multiomics data					X	X	X	X	X	X	X	X	X	X	X	X				
T6.3 MULTI-OBJECTIVE models generation												X	X	X	X	X				
WP7 Explainable AI					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T7.1 Model post-hoc explainability					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T7.2 Model transparency evaluation					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T7.3 Personalizing post-hoc explainability for end users																	X	X	X	X
WP8 Integrative Platform Construction	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T8.1 Requirements gathering and platform design and deployment	X	X	X	X	X	X	X	X	X	X	X									
T8.2 Deploy ent of PDSS					X	X	X	X	X	X	X	X	X	X	X	X	X			
T8.3 Deployment of IPDAS					X	X	X	X	X	X	X	X	X	X	X	X				
T8.4 Researchers tool - DIRS								X	X	X	X	X	X	X	X	X				
T8.5 Usability evaluation, tools' optimization and HTA												X	X	X	X	X	X	X	X	X
WP9 Economic impact assessment	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T9.1 Conceptual Design and Programming of Budget Impact Model	X	X	X																	
T9.2 Conceptual Design and Programming Implementation of Cost-Effectiveness Model	X	X	X																	
T9.3 Economic evaluation using the I3LUNG tool																X	X	X	X	X
WP10 Dissemination, Communication and Exploitation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T10.1 Definition of framework for communication and dissemination activities	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T10.2 IPR Management and Market Analysis	X	X	X	X	X	X	X	X	X	X										
T10.3 Business planning																				