1st call for candidates

External evaluation summary

<u>External Evaluation Process</u>

Four panels have been appointed to carry out the external evaluation of 3-i ICT applications. (See "External Panels Appoinment document".

The external evaluation has been carried out remotely between the 1st of July and the 31nd of July 2022.

Each application has been evaluated by at least two experts and the chairperson of the corresponding panel. For each application, the panels have reached a consensus score.

To be invited to the next stage of the selection process, the applications need to be above a minimum overall score of **75 points out of 100**.

The consensus scores for each application are listed in annex I.

Jose Francisco Tirado Fernández   August 12, 2022

1 Annex I – Evaluation results

1.1 2022-C1-001. Addressing challenging optimization problems in cell signalling networks with High Performance Computing and Cloud-based approaches

Reference	Score (out of 100 points)
2022-C1-001_124	84

1.2 2022-C1-002. Modelling complex biological phenomena via inverse optimal control and inverse reinforcement learning

Reference	Score (out of 100 points)
2022-C1-002_131	72
2022-C1-002_141	83

1.3 2022-C1-003. Distributed and parallel algorithms for inference of cell lineage trees

Reference	Score (out of 100 points)
2022-C1-003_107	76

1.4 2022-C1-004. Linking Linguistics to Low-resource NLP Neural Models

Reference	Score (out of 100 points)
2022-C1-004_114	68
2022-C1-004_120	58
2022-C1-004_122	66
2022-C1-004_130	89
2022-C1-004_135	59
2022-C1-004_136	58
2022-C1-004_137	57
2022-C1-004_139	65
2022-C1-004_141	83
2022-C1-004_142	55
2022-C1-004_150	53
2022-C1-004_151	35
2022-C1-004_154	45
2022-C1-004_155	50
2022-C1-004_156	20
2022-C1-004_160	81

1.5 2022-C1-005. Sequence Labelling Parsing for Applied Natural Language Processing

Reference	Score (out of 100 points)
2022-C1-005_120	58
2022-C1-005_122	66
2022-C1-005_126	68
2022-C1-005_130	89
2022-C1-005_135	59
2022-C1-005_137	57
2022-C1-005_139	65
2022-C1-005_141	83
2022-C1-005_143	39
2022-C1-005_155	50
2022-C1-005_156	20
2022-C1-005_159	78
2022-C1-004_160	81

1.6 2022-C1-006. New microbiomics algorithms and data analytics in colorectal cancer

Reference	Score (out of 100 points)
2022-C1-006_105	71
2022-C1-006_106	70
2022-C1-006_109	51
2022-C1-006_113	63
2022-C1-006_122	65
2022-C1-006_127	80
2022-C1-006_128	83

1.7 2022-C1-007. Automatic animal behavior analysis from video data

Reference	Score (out of 100 points)
2022-C1-007_122	65
2022-C1-007_129	79
2022-C1-007_130	85
2022-C1-007_134	0
2022-C1-007_156	20

1.8 2022-C1-008. Advances on Age-related Macular Degeneration treatment response prediction by means of ocular preclinical image analysis

Reference	Score (out of 100 points)
2022-C1-008_133	76

1.9 2022-C1-009. Wireless virtual sensing for control applications

Reference	Score (out of 100 points)
2022-C1-009_130	85
2022-C1-009_140	77
2022-C1-009_157	89
2022-C1-009_158	86

1.10 2022-C1-010. Flexible cure models in data science to predict sustained remission in rheumatoid arthritis

Reference	Score (out of 100 points)
2022-C1-010_123	67
2022-C1-010_127	79
2022-C1-010_132	88
2022-C1-010_153	88