**Elucidating gut microbiota – hippocampus interactions in emerging psychosis: a new perspective for the development of early interventions for memory impairments**

Supplementary information

**Supplementary Table 1.** Hippocampus abnormalities along the progression of psychosis

|  |  |  |
| --- | --- | --- |
|  |  | **Psychosis progression** |
|  |  | Psychotic experiences / schizotypy (non-help seeking from the population)  | CHR (help seeking in early detection services) | First-episode / early psychosis | Full psychosis |
| **Progression of hippocampus pathology** | Glutamate level | / | Increased (1) | Increased (2) | Increased (3) |
| Resting state perfusion | Increased (4) | Increased (5, 6) | Increased (7) | Increased (8, 9) |
| Activation during episodic memory | / | Reduced (10, 11, 12) | Reduced (13, 14) | Reduced (15, 16) |
| Grey matter volume | Reduced (17, 18) | Reduced (19) | Reduced (2, 20) | Reduced (21, 22) |

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