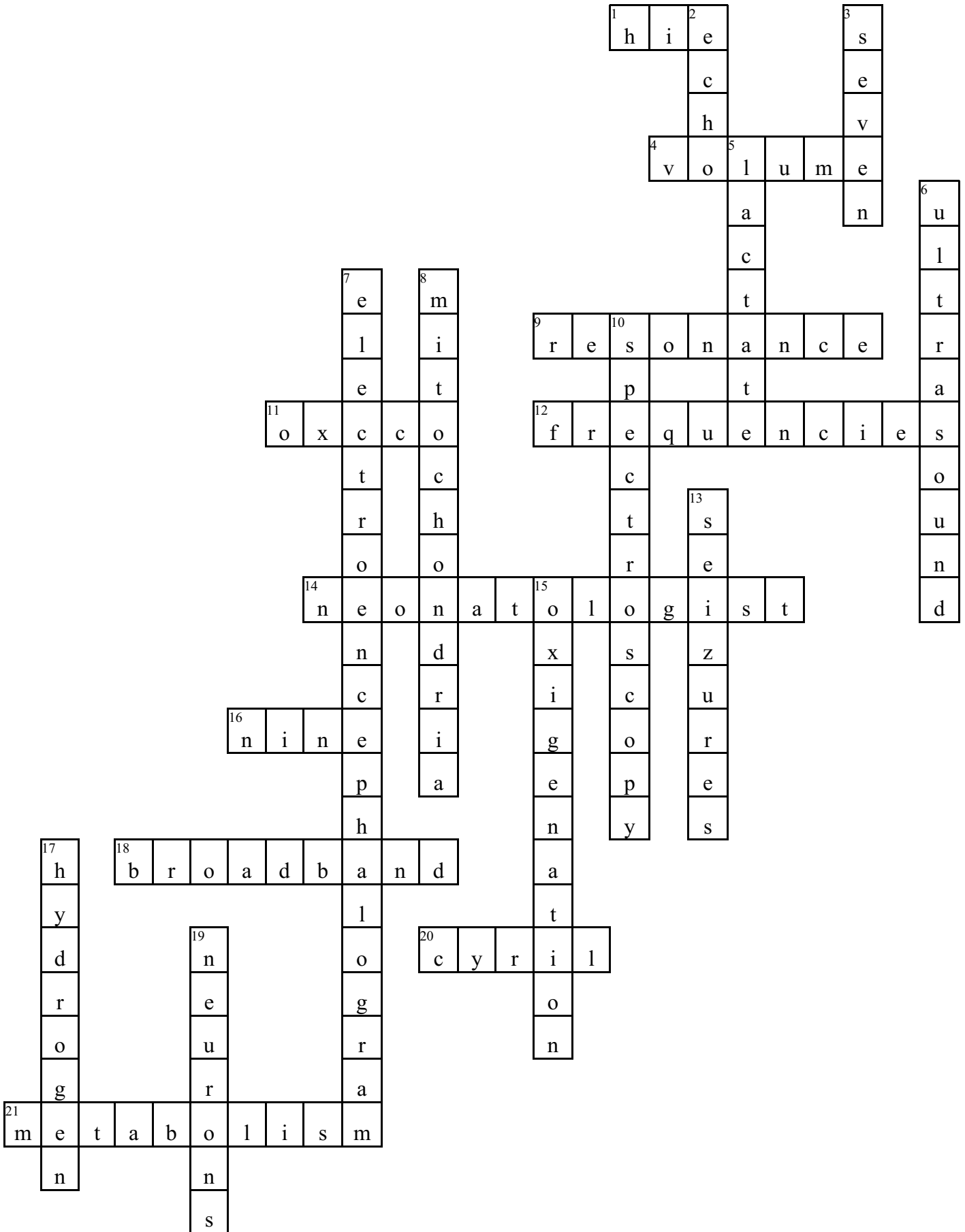


# MetaboLight Crossword



**Across**

- 1. The most common form of brain injury (acronym)
- 4. Within 90 days of birth the brain roughly doubles in \_\_\_\_\_

**Down**

- 2. The reflection of sounds waves measured in ultrasound imaging

9. MRI stands for Magnetic \_\_\_\_ Imaging
11. The enzyme responsible for metabolism measured by broadband NIRS (acronym)
12. MRI machines use strong magnets and radio \_\_\_\_\_
14. The type of doctor that provides medical care for newborn infants
16. The age in months when baby's reflexes are coordinated.
18. \_\_\_\_\_ NIRS uses optical markers to help babies with brain injuries
20. The name of the broadband NIRS device used at UCLH in the neonatal intensive care unit
21. The production of energy in cells
3. The age in months when a baby responds to stimuli
5. One of the major biomarkers of metabolism identified by MRS
6. Brain monitoring technique that uses high frequency sound waves
7. Brain monitoring technique that measures neuronal electrical activity
8. the parts of a cell that are responsible for its metabolism
10. MRS stands for Magnetic Resonance \_\_\_\_\_
13. One of the symptoms of severe hypoxic ischemic encephalopathy
15. Broadband NIRS monitors the brain's \_\_\_\_\_ and metabolism
17. The atom that generates the magnetic resonance signal in the brain
19. The cells in the brain that carries the electrical impulses