EARLY HUMAN BRAIN DEVELOPMENT
The impact of periconceptional maternal and fetal factors

1. Mothers-to-be should achieve an optimal periconceptional folate status for early brain development of her unborn child (this thesis)

2. Prenatal growth of individual brain structures can be measured reliably in vivo with three-dimensional ultrasound (this thesis)

3. The cerebellum is an intermediate in the association between maternal obesity and neurodevelopmental impairment in the offspring (this thesis)

4. Derangements in fetal cortical development can be detected in fetuses with congenital heart defects without signs of cerebro-placental distribution (this thesis)

5. Early brain growth can be monitored as a continuum without constraints of a prenatal or postnatal situation (this thesis)

6. Size does not matter, it is all about growth.

7. The history of a man for the nine months preceding his birth would probably be far more interesting, and contain events of greater moment, than all the three-score and ten years that follow it. — Samuel Taylor Coleridge (1772–1834)

8. Funding research to optimize embryonic health leads to health that lasts a life time for this generation and the next to come.

9. Statistics are like bikinis. What they reveal is suggestive, but what they conceal is vital. — Aaron Levenstein

10. If we cannot measure, we cannot understand. If we cannot understand we cannot control, and if we cannot control, we cannot improve. — H. James Harrington

11. Those who wish to sing, always find a song.

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