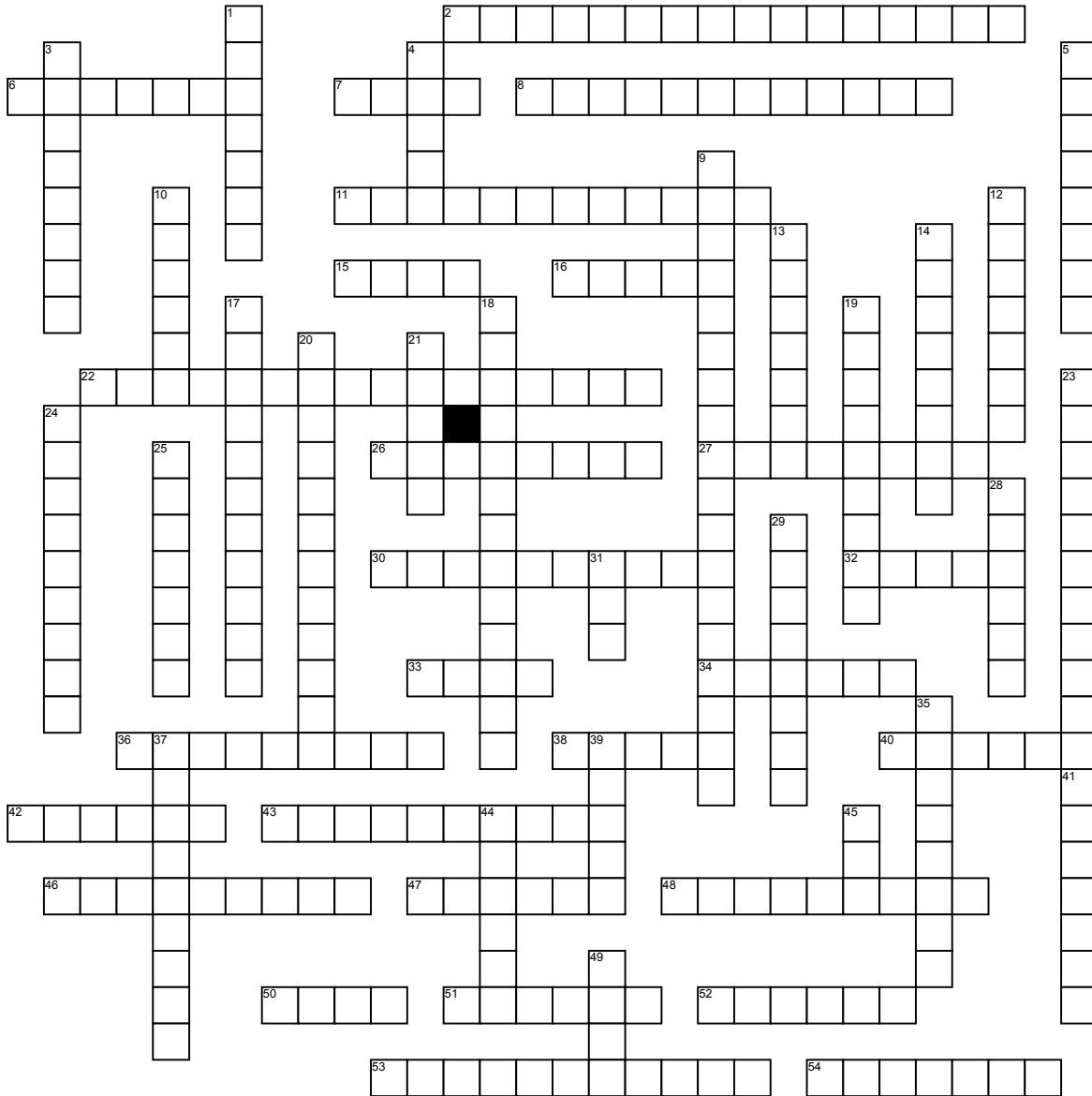


GPAT



Across

2. The most severe form of Spina Bifida
 6. Accumulation of glucosylceramide, affects the spleen
 7. The number of influenza species
 8. Characterized by growth retardation and facial malformation such as short palpebral fissures and thin upper lips
 11. Toxoplasmosis, Rubella, Cytomegalovirus, Herpes Type 2
 15. Affected by Autoimmune Hemolytic Anemia
 16. One of the common cancers in children
 22. Midline defect
 26. Familial hypercholesterolemia, Marfan syndrome, Ehlers-Danlos, Neurofibromatosis
 27. Typical colorblindness
 30. Normal tissue appearing in an abnormal location
 32. Characteristic Lupus "butterfly" rash
 33. Affected by Pemphigus
 34. A peripheral lymphoid organ
 36. Sickle cell, Cystic Fibrosis, Albinism, Gaucher disease, Tay-Sachs
 38. How the velocity of blood flow changes during inflammation
 40. CD4 subtype that activates macrophages against intracellular pathogens
 42. The T-cell subtype used as an immune health indicator

43. Thyroglossal Duct Cysts is an example of this
 46. Promotes developmental anomalies
 47. Phenomenon where fluid is lost and the blood becomes more viscous
 48. Could prevent Spina Bifida
 50. The leading cause of death during the first year of life
 51. Site of lymphocyte development
 52. The most common AIDS-related cancer
 53. CD4 subtype that stimulates neutrophils against extracellular pathogens
 54. Familial hypophosphatemic rickets, Colorblindness, Fragile X

Down

1. The incomplete formation of the lumen
 3. Accumulation of Gangliosides
 4. Another sign of acute inflammation
 5. The lack of organ formation
 9. von Recklinghausen disease, cafe-au-lait spots, enlarged fungiform papilla, scoliosis
 10. 80% of lymphocytes
 12. Also affected by Goodpasture's Syndrome
 13. Affected by Grave's Disease
 14. The most common inherited mental retardation disorder
 17. Deletes paternal genes
 18. A chronic inflammatory response reaction
 19. Normal tissue overgrowth in a normal site

20. Collagen Disorder, Cigarette Paper skin, Gorlin Sign
 21. One of the 4 signs of acute inflammation
 23. The most frequent benign tumor in children
 24. The karyotype of a female with Turner Syndrome
 25. The mildest form of Spina Bifida
 28. Long skull, Pigeon Chest, hyperextensibility, arachnodactyllyl, downslanting palpebral fissures
 29. Deletes maternal genes
 31. The number of X chromosomes present in a male with Klinefelter Syndrome
 35. Anion affected by Cystic Fibrosis
 37. Acute inflammatory response associated reaction
 39. Affected by Goodpasture's Syndrome
 41. Chromosome affected by both Prader-Willi and Angelman Syndromes
 44. The leading cause of death in children
 45. Another name for MHCs (hint: a complex)
 49. Short stature, "Simian" crease, abnormal middle phalanx, sterile males, upslanting palpebral fissures, Brushfield spots