**Childhood Immune Disorder Risk Map per the Richet allergy model**

- **C-section birth**
  - Gut infected with hospital environment bacteria (sub optimal)
  - Newborn treated with antibiotics OR Breast feeding Mom treated with antibiotics
  - Sub-optimal gut bacteria primes for Immunoglobulin E (IgE)
  - High risk of immune system disorders
  - Development of food allergy
  - High risk of immune system disorders

- **Natural birth**
  - Gut infected with Mom's germs (optimal)
  - Breast fed, no antibiotics
  - Gut infected with Mom's germs primes for Immunoglobulin E (IgE)
  - Low risk of immune system disorders
  - Development of food allergy
  - Low risk of immune system disorders

- **Infant formula containing food proteins**
  - Development of food allergy
  - High risk of immune system disorders

- **Vaccination/Injection ingredients**
  - Food Proteins
  - Lung Proteins
  - Skin Proteins (Intradermal)
  - Muscle Proteins (Tropomyosin, Intramuscular)
  - Pancreatic Digest
  - Latex Proteins
  - Kidney Proteins
  - Development of food allergy
  - Development of Asthma
  - Development of Eczema
  - Development of Ulcerative colitis
  - Development of Type I diabetes
  - Development of Latex allergy
  - Development of kidney disorders

* For the first few days, proteins fed to the newborn are directly absorbed into the bloodstream. Any protein not naturally present in colostrum, can be expected to cause the development of allergy to that protein.