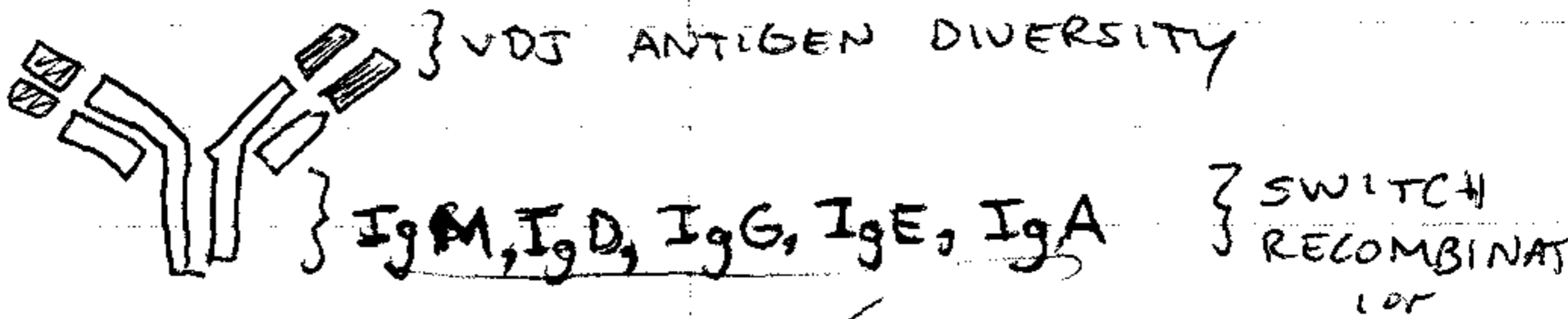


Tx & recombination

Immune system

- recombination & mutagenesis increased
 - site specific VDJ recombination
 - homeologous switch recombination
 - point mutations somatic hypermutation
- must be tightly regulated ... otherwise can get cancer (Burkitt's lymphoma ... very popular)
- restricted to higher eukaryotes
 - ∴ seems to be new development
 - ∴ likely to adapt systems already in place
- all seem to be manipulating repair



- these regions important for improving activity in diff. regions of the body.

Switch

