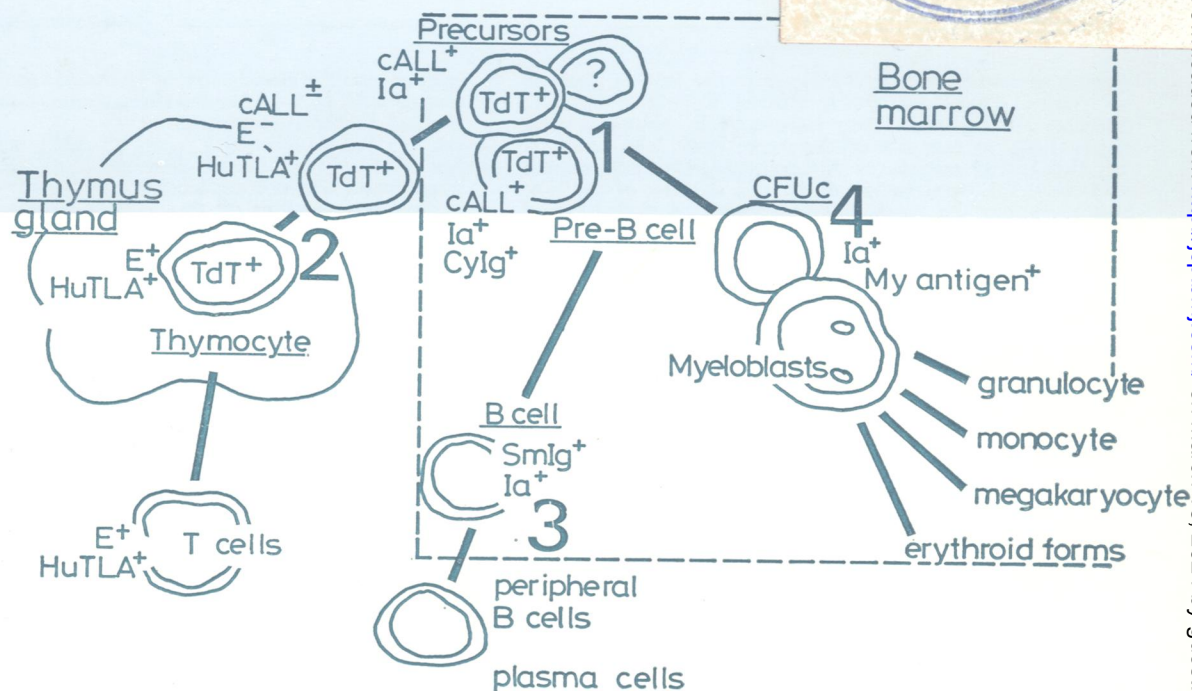
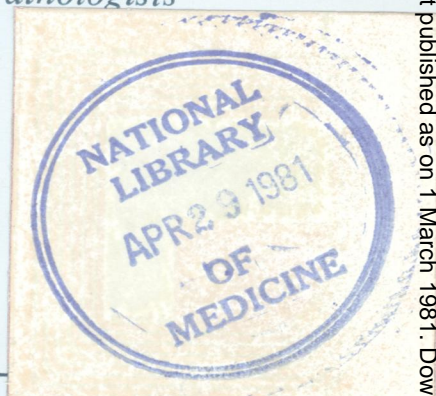


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The main leukaemic phenotypes and the corresponding normal precursor cell types. Note that normal TdT<sup>+</sup> pre-B cells (cytoplasmic immunoglobulin positive) are extremely rare while approximately 30% of common ALL cases are pre-B (TdT<sup>+</sup>, CyIgM<sup>+</sup>). 1 Common ALL and pre-B ALL: both are cALL<sup>+</sup>, Ia<sup>+</sup>, TdT<sup>+</sup>, SmIg<sup>+</sup>, HuTLA<sup>+</sup>, My<sup>+</sup>. In addition, pre-B ALL blast cells have cytoplasmic IgM. 2 Two forms of thymic ALL: both are HuTLA<sup>+</sup>, TdT<sup>+</sup>, Ia<sup>+</sup>, SmIg<sup>+</sup>, My<sup>+</sup>. The rare 'early' form is E<sup>+</sup> and weakly cALL<sup>+</sup>; the typical Thys-ALL is E<sup>+</sup>, cALL<sup>+</sup>. 3 B-ALL: SmIg<sup>+</sup>, Ia<sup>+</sup>, TdT<sup>+</sup>, E<sup>+</sup>, HuTLA<sup>+</sup>, My<sup>+</sup>, cALL<sup>+</sup>. 4 AML: My<sup>+</sup>, Ia<sup>+</sup>, TdT<sup>+</sup>, E<sup>+</sup>, HuTLA<sup>+</sup>, SmIg<sup>+</sup>, cALL<sup>+</sup>. 5: The phenotypic characteristics and leukaemic equivalents of the human pre-lymphoid, pre-myeloid pluripotential stem cells are unknown. See Fig. 1, page 225.