Individualized Treatment Approaches for Langerhans Cell Histiocytosis

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Langerhans cell histiocytosis (LCH) belongs to the rare histiocytic disorders, and has an estimated incidence of 1-2 cases per million adults [1]. Myeloid dendritic cells that express the same antigens (CD1a, CD207) as epidermal Langerhans cell seem to be the precursor cells for LCH [2]. Clinical presentation of patients with LCH may vary in site and extent of involvement. In 45% of patients LCH manifests as a multisystem disease including 77% bone, 39% skin, 19% lymph node, 16% liver, 13% spleen, 13% oral mucosa, 10% lung, and 6% CNS involvement [3]. All rights reserved.