

# Blood cell and marrow changes in patients with Kikuchi disease

Shan-Chi Yu,<sup>1,2</sup> Huai-Hsuan Huang,<sup>3</sup> Chun-Nan Chen,<sup>4</sup> Tseng-Cheng Chen<sup>4</sup> and Tsung-Lin Yang<sup>4</sup>

<sup>1</sup>Department of Pathology and Graduate Institute of Pathology, College of Medicine, National Taiwan University; <sup>2</sup>Department of Pathology, National Taiwan University Hospital; <sup>3</sup>Department of Internal Medicine, National Taiwan University Hospital; <sup>4</sup>Department of Otolaryngology, National Taiwan University Hospital, Taipei, Taiwan

Correspondence:

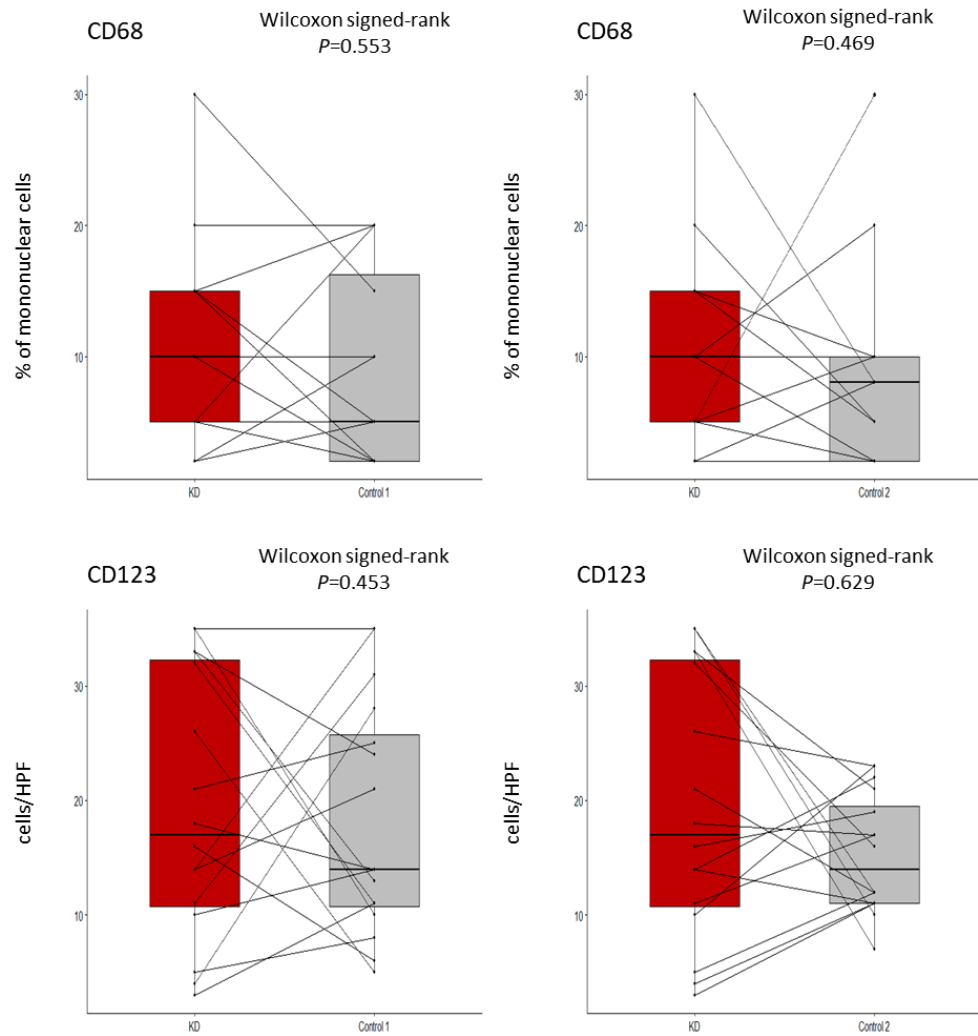
S-C. YU - b88401002@ntu.edu.tw

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Table S1. Definition of abnormalities

Category	Abnormality	Definition
Erythrocytes	Anemia	>12 years old: Male, Hemoglobin < 13 g/dL; Female, Hemoglobin < 12 g/dL ≤12 years old: Hemoglobin < 11.5 g/dL
	Severe	Hemoglobin < 9 g/dL
	Mild	Anemia which does not fulfill the definition of severe anemia
	Erythrocytosis	Male, Hemoglobin > 16.5 g/dL; Female, Hemoglobin > 16 g/dL
Platelets	Thrombocytopenia	Platelet count < $150 \times 10^3/\mu\text{L}$
	Severe	Platelet count < $100 \times 10^3/\mu\text{L}$
	Mild	Platelet count $100\text{--}150 \times 10^3/\mu\text{L}$
	Thrombocytosis	Platelet count > $450 \times 10^3/\mu\text{L}$
White blood cells	Leukocytosis	White blood cell count > 11,000/ $\mu\text{L}$
	Neutropenia	Absolute neutrophil count < 1,500/ $\mu\text{L}$
	Severe	Absolute neutrophil count < 1,000/ $\mu\text{L}$
	Mild	Absolute neutrophil count 1,000–1,500/ $\mu\text{L}$
	Lymphopenia	≥18 years old: Absolute lymphocyte count < 1,000/ $\mu\text{L}$ <18 years old: Absolute lymphocyte count < 1,500/ $\mu\text{L}$
	Atypical lymphocytes	Presence of atypical lymphocytes
Cytopenia lineage number	Pancytopenia	Presence of anemia, thrombocytopenia, and neutropenia
	Bicytopenia	Presence of two of the cytopenias: Anemia, thrombocytopenia, and neutropenia
	Solitary lineage cytopenia	Presence of only one of the cytopenias: Anemia, thrombocytopenia, and neutropenia

Severe cytopenias are defined according to the threshold of HLH-2004 criteria



**Figure S1 Comparison between Kikuchi disease (KD) and age-matched controls**

Patients with Kikuchi disease were compared with two cohorts of age-matched controls (Control 1 and Control 2, respectively).

(Upper) CD68+ cell percentage in bone marrow biopsy

(Lower) CD123+ cell count in bone marrow biopsy

Post hoc power, all >80%

