

**Table S1.** The inflammatory mediators, which were proposed to participate in the mechanisms of CNPG, and the proportion of AD predisposition in the studies.

<b>Inflammatory mediators involved in the pathogenesis of CNPG</b>	<b>Proportion of patients with history of atopy included in the studies</b>
<b>Th2 cytokines</b>	
Park et al. [26]	Not mentioned
Tokura et al. [27]	No
Fukushi et al. [28]	No
Belzberg et al. [24]	No
<b>IL-31</b>	
Hashimoto et al. [36]	Not mentioned
Chaowattanapanit et al. [37]	11.6% patients
<b>Th17/IL-17, Th22/IL-22</b>	
Park et al. [26]	Not mentioned
Belzberg et al. [24]	No
Wong et al. [18]	25%
<b>Endothelin</b>	
Zhong et al. [19]	45%
Wong et al. [18]	25%
<b>Nerve growth factor</b>	
Zhong et al. [19]	45%