

Table 1: Eligibility Criteria

Criterion	Include	Exclude
Population	Individuals having sickle cell disease (any genotype, whether HbSS, HbSC or HbSb-thalassaemia), all ages, any clinical condition (steady state, acute VOC and other acute conditions), approved animal models of SCD.	Studies concerning inherited mtDNA haplogroups or nuclear genetic modifiers of severity of SCD, not associated with cf-mtDNA as a DAMP.
Concept	Cf-mtDNA as a DAMP containing studies.	cfDNA research having no mitochondrial relation or NET-mediated importance. For instance, oncology liquid-biopsy methods with no RBC/DAMP relevance.
Context	Clinical laboratory, translational setting or any country.	Nine beyond the stated population/concept exclusions above.
Source type	Peer-reviewed primary studies (human or animal), peer-reviewed conference abstracts.	Non-peer-reviewed sources and restricted access papers. Review papers are included in background only and not as part of the primary evidence.
Language	English	Non-English sources
Publication date	Due to limited knowledgebase, there was unrestricted start date; search to present date at time of synthesis.	-