

B-cell precursor acute lymphoblastic leukemia with *IGH::CEBP* rearrangement: what have we learnt over the years?

Authors

Ahlam Alqahtani,¹ Kent T.M. Fung,¹ Letizia Marchetti,¹ Amir Enshaei,² Matthew Bashton,^{2,3} Olaf Heidenreich,^{4,5} Christine J. Harrison,² Anthony V. Moorman² and Lisa J. Russell¹

¹Biosciences Institute, Wolfson Childhood Cancer Research Centre, Newcastle University, Newcastle upon Tyne, UK; ²Leukaemia Research Cytogenomics Group, Centre for Cancer, Translational and Clinical Research Institute, Newcastle University, Newcastle upon Tyne, UK; ³School of Geography and Natural Sciences, Faculty of Science and Engineering, Northumbria University, Newcastle upon Tyne, UK; ⁴Princess Máxima Center for Pediatric Oncology, Utrecht, the Netherlands and ⁵Department of Hematology, University Medical Center Utrecht, Utrecht, the Netherlands

Correspondence:

L.J. RUSSELL - lisa.russell@ncl.ac.uk

A. ALQAHTANI - ahlam.alqahtani@ncl.ac.uk

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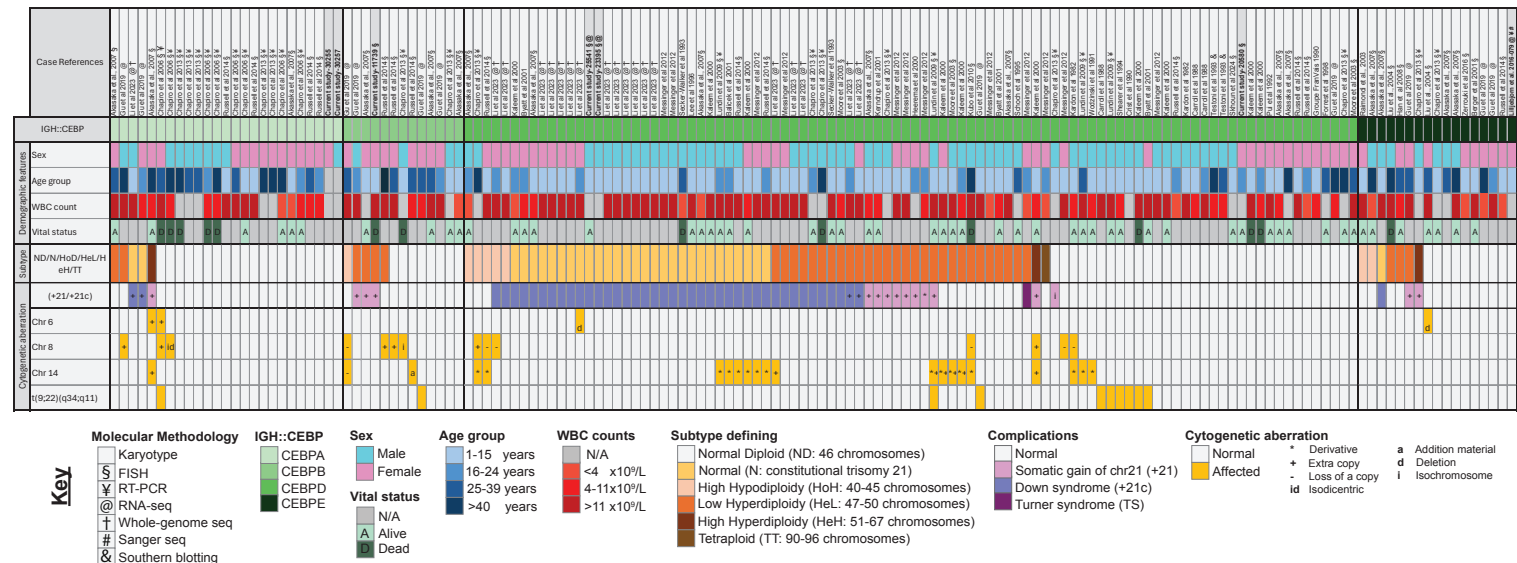
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Disclosures

No conflicts of interest to disclos

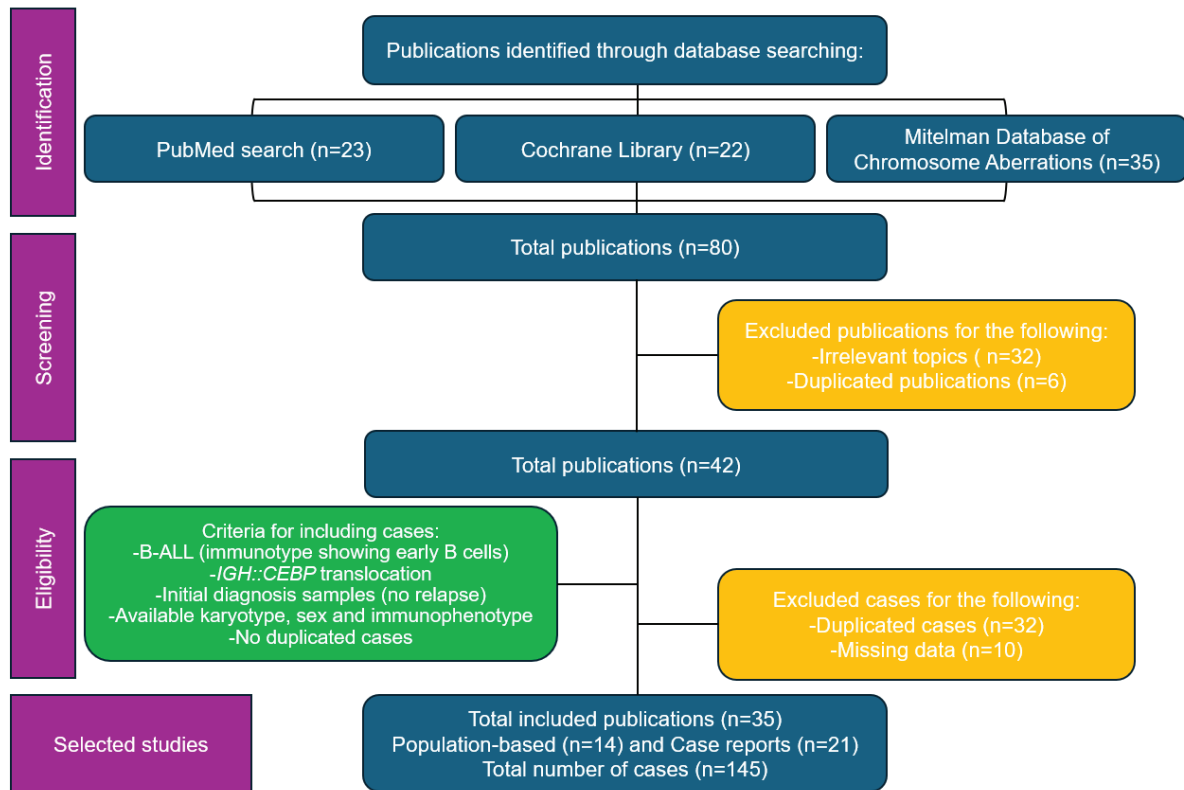
Supplementary Figure 1:



Supplementary Figure 1: Oncoplot of IGH::CEBP rearranged BCP-ALL cases reported between 1982 and 2025.

A) Clinical, molecular methodologies and cytogenetic features of the reported IGH::CEBP rearrangement cases in BCP-ALL (n=151). As DS patients have a constitutional trisomy 21, the expected 47 chromosomes were referred to as normal (N) and were observed in 73% of the cases. The remaining DS cases had either 48-49 chromosomes (22%) or 46 chromosomes (5%) and were referred to as low hyperdiploidy (HeL) and high hypodiploidy (HoH), respectively.

Supplementary Figure 2:



Supplementary Figure 2: Flow diagram of the criteria for selecting publications and assessment of cases.

Supplementary Table 1: Vital status of the IGH::CEBP cases.

		Total number of cases n=69 (%)		Number of non-DS-ALL cases n= 49 (%)		Number of DS-ALL cases n= 20 (%)	
		Children	adults	Children	adults	Children	adults
IGH::CEBPA	L	4 (36)	2 (18)	4 (40)	1 (10)		1 (100)
	D	1 (9)	4 (36)	1 (10)	4 (40)		
IGH::CEBPB	L	3 (50)	1 (16)	3 (50)	1 (16)		
	D	2 (33)		2 (33)			
IGH::CEBPD	L	32 (73)	6 (13)	16 (61)	6 (23)	16 (89)	
	D	3 (7)	3 (7)	3 (11)	1 (4)		2 (11)
IGH::CEBPE	L	3 (38)	4 (50)	3 (38)	4 (50)		
	D		1 (12)		1 (12)		