

ACC - Adrenocortical Carcinoma

Subtype	Proliferation	Prognosis	Therapy (Typical / Investigational)	Common Driver Alterations
C1A	High (strong cell-cycle gene upregulation: MKI67, PLK1, CDK1)	Poor (median OS ≈2–3 years; 5-year ~40%)	Surgery + mitotane; EDP chemo (etoposide, doxo, cisplatin); IGF1R inhibitors; mTOR inhibitors; Wnt-pathway agents; immune checkpoint inhibitors in trials	TP53 mutations; CDKN2A deletions; TERT promoter mutations; PRKAR1A, RPL22 alterations; universal IGF2 overexpression
C1B	Low (minimal proliferation signature)	Favorable (median OS >10 years; 5-year ~80%)	Surgery ± mitotane; less benefit from cytotoxic chemo; potential Wnt-pathway targeting in CTNNB1-mutant tumors	CTNNB1 (β-catenin) mutations; ZNRF3 inactivation; MEN1 mutations; IGF2 overexpression; generally fewer TP53 events

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