возможности, включая таргетирование мембранно-ассоциированных HSP, модуляцию липидного состава мембраны и подавление межклеточной коммуникации. Комбинированные стратегии, воздействующие на несколько уровней адаптивной системы, представляются наиболее перспективными для преодоления устойчивости и ограничения прогрессирования заболеваний.

В целом, плазматическая мембрана, эпишапером и системы межклеточной коммуникации образуют интегрированную адаптивную сеть, определяющую протеостаз, сигнальную интеграцию и клеточную пластичность. Дальнейшее изучение этой оси создаёт основу для разработки инновационных терапевтических подходов в онкологии и других хронических заболеваниях.

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