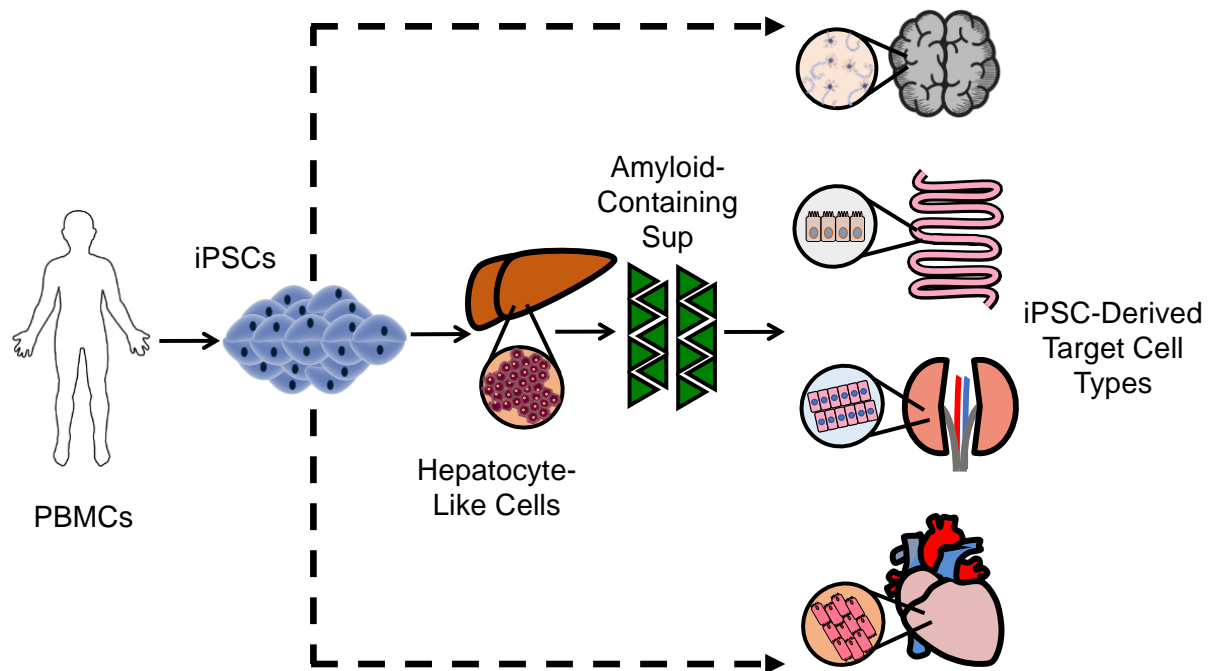


TTR Amyloid Disease (ATTR)-specific iPSC library

Patient-Specific, iPSC-based, Multi-system Model of TTR Amyloid Disease (ATTR). No robust mouse model of TTR (or related) systemic amyloid disease recapitulates aspects of TTR amyloid disease pathogenesis relevant to human disease. In the absence of a relevant animal model, the Murphy lab established a flexible, patient-derived multi-system model of TTR amyloid disease prepared from iPSCs. This comprehensive, iPSC library represents a one-of-a-kind resource to model mutation-specific TTR amyloidoses through the differentiation of these lines to hepatic lineages and disease-relevant peripheral target lineages including neurons, cardiomyocytes, and intestinal and kidney organoids.



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