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A new outlook on cholinergic interneurons in Parkinson's disease and L-DOPA-induced dyskinesia

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Highlights:

- Striatal ChIs are integral to basal ganglia signaling related to movement.
- ACh influences diverse cell types through muscarinic and nicotinic receptors.
- DA loss leads to elevated ChI activity causing parkinsonian motor symptoms.
- ChIs play a significant, but unclear, role in the dyskinetic striatum.
- New technology and pharmaceuticals allow for better therapeutic targeting of ChIs.

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