

## عنوان مقاله:

Manufacturing New Neurons from Glia in Postnatal Brains

## محل انتشار:

بیست و یکمین کنگره پزشکی تولید مثل و شانزدهمین کنگره زیست شناسی و فناوری سلول های بنیادی (سال: 1399)

تعداد صفحات اصل مقاله: 1

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## خلاصه مقاله:

Direct lineage reprogramming emerges as an innovative strategy for cell-based therapy. In the postnatal and adult brain, different types of glial cells can be converted into neurons by forced expression of neurogenic transcription factors such as the proneural factors achaete-scute-like 1 (Ascl1) and neuro-genin 2 (Neurog2). While there is ample proof-of-principle evidence for successful conversion, many aspects of the process remain enigmatic. In my presentation, I will discuss our efforts to understand the molecular and cellular mechanisms that underlie reprogramming into neurons and present our attempts at generating subtype-specific neurons in the mouse cerebral cortex in vivo.

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1421289>

