**Study with younger NeuroDigm GEL™ model:**

Young 270g Male Rat NeuroDigm GELTM Validation Study by independent CRO in 2013

 Screened with Chaplan up/down method

 for mechanical allodynia threshold

Study was over 67 days

Drugs screened twice about 30 days days apart:

 Morphine, Celecoxib, Gabapentin and Duloxetine

Results demonstrate how time can effect a drug’s analgesic response

[NeuroDigm GELTM model Validation Video](http://youtu.be/Qb5DFdVk9wY)

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Investigators:

Yan Chen PhD – designed blinded study and analyzed data,

Cheng Yang – male, performed blinded analgesic screenings

Mary Hannaman MD – performed initial procedures with Dr. Yan Chen assisting.

Note: This younger NeuroDigm GEL™Model had robust and prolonged mechanical allodynia. While the aged Neurodigm GEL Model in the rat in this paper had very weak allodynic responses.