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(54) Title: METHODS, COMPOSITIONS AND KITS FOR PROMOTING RECOVERY FROM DAMAGE TO THE CENTRAL NERVOUS SYSTEM

Human bFGF amino acid sequences

22.5 kD form (Genbank GI: 482272; SEQ. ID. No. 1)

```
1   mgdrgrgral pggrlggrgr grapervggr grgrgtaapr aapaargsrp gpagtmaags
61  ittlpalped ggsgafppgh fkdpkrlyck nggfflrihp dgrvdgvrek sdphiklqlq
121 aeergvvsik gvcanrylam kedgrllask cvtdecfffe rlesnnynty rsrkytswyv
181 alkrtgqykl gsktgpgqka ilflpmsaks
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114 amino acid form (Genbank GI: 8250666; SEQ. ID. No. 2)

```
1  lgdrgrgral pggrlggrgr grapervggr grgrgtaapr aapaargsrp gpagtmaags
61 ittlpalped ggsgafppgh fkdpkrlyck nggfflrihp dgrvdgvrek sdph
```

88 amino acid form (Genbank GI: 4261553; SEQ. ID. No. 3)

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1  flrihpdgrv dgvreksdph iklqlqaeer gvvsikgvca nrylamkedg rllaskcvtd
61 ecffferles nnyntyrsrk ytswyval
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(57) Abstract: The present application relates to methods, kits and compositions for improving a subject's recovery from CNS injury. In certain aspects, methods of the invention comprise administering to a subject cells and a neural stimulant. Recovery may be manifest by improvements in sensorimotor or cognitive abilities, e.g., improved limb movement and control or improved speech capability. In certain embodiments, subject methods can be used as part of a treatment for damage resulting from ischemia, hypoxia or trauma.

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