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封面图片:本研究利用串联质谱标签技术鉴定CSF中差异性蛋白质,并进行生物信息学分析发现参与延髓起病ALS和肢体起病ALS发生发展的途径或通路不同,溶酶体通路参与延髓起病ALS的发生的发展,免疫反应参与肢体起病ALS的发生和发展。(苏丹丹,中国人民解放军联勤保障部队第928医院神经内科,正文见本期428~436页)。

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Cover image: Provided by SU Dandan, Department of Neurology, 928 Hospital of Joint Logistics Support Force of PLA. In this study, TMT was used to identify differential proteins in CSF, and bioinformatics analysis revealed that the pathways involved in the development of ALS and limb-onset ALS were different. The lysosomal pathway was involved in the initiation of medullary disease. The development of ALS, the immune response involved in the occurrence and development of limb-onset ALS, and the understanding of the signaling pathways involved in the development of ALS disease, provide a certain direction for the in-depth study of the pathogenesis of ALS. See full-text article on page 428-436 in this issue.

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