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· 消息 ·

空军军医大学唐都医院焦凯团队在 *Nature* 旗下周刊*Bone research* 发表最新研究成果

2024 年 2 月 22 日, 空军军医大学唐都医院口腔科焦凯研究员带领团队在 *Bone Research* (IF: 12.7) 发表了题为“Interorgan communication in the neurogenic heterotopic ossification: focusing on the role of brain-derived extracellular vesicles”的研究论文。焦凯研究员、牛丽娜教授为论文共同通信作者, 闫舰飞博士、卢伟诚硕士为该论文共同第一作者。

该研究首次发现颅脑损伤后脑组织来源的细胞外囊泡可以透过血脑屏障进入外周循环, 后被跟腱创伤区域的成纤维细胞摄取, 引发成纤维细胞焦亡, 导致局部钙磷浓度升高, 进而促进异位骨化发生, 加速疾病进程。这一发现为临床预防和缓解颅脑损伤后异位骨化疾病提供了理论支持, 对减轻颅脑损伤后的异位骨化并发症具有重要意义。