

探討實驗用鼠類感染螺旋桿菌屬之現狀 = The helicobacter infection in laboratory rodent

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摘要

流行病學調查發現螺旋桿菌屬感染，特別是*H. hepaticus*與*H. bilis*在實驗用小鼠族群中感染分佈的情況極為普遍。診斷螺旋桿菌屬感染的主要方法包括組織病理形態學分析、菌種分離培養、酵素連結免疫吸附法 (ELISA)與聚合鏈鎖反應分析技術。而聚合鏈鎖反應分析技術為最快速、高度敏感性與專一性的診斷方法。目前已有數種藥物證實可成功地清除實驗用小鼠體內感染的*H. hepaticus*。目前在實驗用小鼠中發現感染的5株螺旋桿菌屬細菌包括*Flexispira rappini*、*H. bilis*、*H. hepaticus*、*H. muridarum*與*H. rodentium*。*Flexispira rappini*並不會引起病變，而*H. bilis*會感染肝臟並引起慢性肝炎，其中*H. hepaticus*已證實會導致許多品系的實驗用小鼠，包括A/JCr、C3H/HeNcr、SJL/Ncr、BALB/cAnNcr與SCID/Ncr，發生肝炎與肝臟腫瘤，*H. muridarum*會存在胃黏膜中並引起慢性胃炎，*H. rodentium*與*H. bilis*混合感染在SCID小鼠會導致下痢。在實驗用大鼠中曾發現4株螺旋桿菌屬細菌，*H. muridarum*與*H. trogontum*雖曾由腸道內分離培養出，但並沒有導致炎症反應產生。*H. cinaedi*與*H. cholecystus*已發現分別存在實驗用倉鼠的腸道與膽囊內。

關鍵詞：螺旋桿菌屬、實驗用鼠類、病理學、流行病學、診斷、治療

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