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2025년 1월 ~ 3월 신규 부산대학교 의과대학 및 병원 연구자 SCIE 논문 (총 203편)

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* 부산대학교 도서관으로부터 Web of Science에 업로드 되는 논문을 제공 받아 소식지에 게재하고 있어 학회지에서 Web of Science에 업로드하는 시기에 따라 실제 논문 게재일과 차이가 있을 수 있습니다.

이번 호의 논문

Sequential Peg-IFN after bepirovirsen may reduce post-treatment relapse in chronic hepatitis B

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만성 B형간염(CHB)은 전 세계적으로 약 3억 명의 사람들에게 간 질환을 유발한다. 현재 경구 항바이러스 치료법은 B형간염바이러스(HBV)를 조절할 수 있지만, 투여 중단으로 HBV가 재증식해서, 경구 항바이러스 제재를 중단할 수 없다. 베피로비르센(bepirovirsen)은 글락소스미스클라인(GSK)에서 3상 임상연구 중인 약물이다. 이 약물은 안티센스 올리고뉴클레오타이드(ASO)라는 기술을 사용한다. 베피로비르센은 간세포 핵내 HBV mRNA를 저해해서, 표면항원(HBsAg)과 HBV DNA 형성을 억제하여 면역체계가 HBV를 제거하도록 하여, 만성 B형간염을 완치하는 것(functional cure)을 목표로 한다. 베피로비르센은 단독으로 또는 다른 치료법과 함께 투여하는 임상연구가 진행되고 있다. 특히 페그인터페론 병용투여를 초기 임상때부터 제안하여 연구가 진행되었다.

본 연구는 두 그룹으로 나누어 진행되었다. 첫 번째 그룹은 베피로비르센을 24주 동안 사용한 후, 두 번째 그룹은 12주 동안 사용한 후 페그인터페론을 추가로 사용했다. 모든 참가자는 기존에 사용하던 경구 항바이러스 제재를 계속 복용했다. 첫 번째 그룹에서는 9%, 두 번째 그룹에서는 15%의 환자가 완치에 성공했다. 특히, 초기 HBsAg 수치가 낮았던 환자들이 더 좋은 결과를 보였다. 연구결과로 페그인터페론을 추가로 사용하면 베피로비르센 단독 사용보다 재발률이 낮아질 수 있다는 것을 보여주었다. 만성 B형간염환자의 장기적 치료 전략 수립에 있어 중요한 단서를 제공하며, 향후 베피로비르센 개발 및 임상적 적용 가능성을 한 단계 끌어올릴 것으로 기대된다.

본 연구 결과는 2025년 2월 유럽간학회지 Journal of Hepatology (Impact factor=26.89)에 게재되었다.

소식지 내용에 대한 의견이 있으시면 e-mail을 보내주시기 바랍니다.

- 추가하면 좋을 내용, 발행주기, 지면 구성에 대한 내용, 배포 범위(현재 의치한/병원 교수에 배포) 등
- e-mail 주소 : myjudel@naver.com (부산대학교 의학연구원)

수행기관이 의학연구원인 연구과제의 간접비 사용

- 부산대학교의 간접비 징수 비율 : 국가연구개발사업 연구과제의 경우 20.65% (과제 발주기관에 따라 간접비가 연구비에 추가되거나 포함되어 있음, 기타 지원기관은 비율이 상이함)
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 - 의학연구원 40%
 - 부산대학교 본부(대학기본경비) 20%
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 - 연구책임자 : 50% (현금 및 현물로 연구자가 사용함)
 - 의학연구원 : 15% (사무원 인건비 등 최소한의 경비가 사용되는 수준임)
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(단, 의학연구원 내 연구센터에 10% 배정될 경우 소속 대학으로 25% 배정됨)
- 의과대학으로 배정된 간접비의 사용
 - 대형 연구기자재 구입 지원
 - 동물실험시설 확충 지원
 - 연구지원인력 인건비 지원
 - 대형 연구과제 유치를 위한 연구회 지원
 - 교수 연구력 향상을 위한 활동 지원 (세미나 개최 등)
- 의과대학의 최근 3년간 간접비 사용 내역

(단위 : 원)

구 분		2022년	2023년	2024년
이 월 액		376,414,100	329,634,547	366,124,998
간접비 배정액		113,074,427	125,689,641	127,152,133
지출총액		159,853,980	455,324,188	493,277,131
지 출 총 액 세 부 내 역	연구지원인력 인건비	73,931,420	88,899,190	99,162,190
	중장기기실 홈페이지 제작	-	-	20,000,000
	실험동물센터 지원	-	-	-
	의대공간공사지원	-	-	-
	회의비	-	300,000	-
	대형연구기자재구매지원	82,027,100	-	-
	대형연구과제신청지원	3,895,460	-	-
잔 액(이월액)		329,634,547	366,124,998	374,114,941

- 안내 말씀
 - 교수님들께서 수주하신 연구비의 간접비 상당 부분이 의과대학의 연구력 향상을 위해서 사용되고 있습니다.
 - 교수님들께서는 병원, 타 연구소 등 다른 기관에서 수행해야 할 불가피한 사유가 없으면 의학연구원을 통해서 과제를 수행해 주시기를 부탁드립니다.