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**Abstract**  
1HXURLQADPPDWLRQ WKH LPPXQH UHVSQRVH ZLWKLQ WKH FHQWUDO QHUYRX SURWHFWLQJ DQG GDPDJLQJ QHXUDO WLVVXHV :KLOH DFXWH QHXURLQADPPDWLR DQG XQFRQWUROOHG LQADPPDWLRQ FRQWULEXWHV WR WKH SDWKRJHQHVLV DQG \$OJKHLPHU V GLVHVVH PXOWLSOH VFOHURVLV DQG 3DUNLQVRQ V GLVHVVH .H\ F EFRPH DFWLYDWHG LQ UHVSQRVH WR QHXURQDO GDPDJH UHOHDVLQJ SURLO IXQFWLRQ DQG H[DFHUEDWH GLVHVVH SURJUHVVLRQ \$GGLWLRQDO\ WKH EOR DOORZLQJ SHULSKHUDO LPPXQH FHOOV WR LQOWUDWH WKH &16 IXUWKHU DPSC PHFKDQLVPV EHLQGH QHXURLQADPPDWLRQ LV FUXFLDO IRU GHYHORSLQJ WDUJHV WKH LPPXQH UHVSQRVH DQG SUHYHQWLQJ QHXURGHJHQHUDWLRQ 7KL V UHYLHZ K &16 GLVRUGHUV DQG H[SORUHV SRWHQWLDO WKHUDSHXWLF DSSURDFKHV WR PLW

## Introduction

Neuroinflammation, characterized by the activation of immune  
cells leads to neuronal damage and is a hallmark of Alzheimer's disease

