$%675$&7

(;3/25,1* $1(1*,1((5,1* 7-685)$&0,&52(19,5210(27
6,1*/($720 &$7$/<676)25 68=8.,&&2%6,,1*6

$XGUH\ 9LFH

0DUTXHWWH 8QLYHUVLW\

6LQ$O\WRP &DWDO\VWV 6$&V DUH DQ HPHUJLQJ FODVV
JDS EHWZHHQ KRPRJHQHRXV DQG KHWHURJHQHRXV FRXV EGLWOJ\W
WKH EHQHILWV RI ERWK 2QH ILHOG ZKHFUDJUEEJ\ EDDU FURWVV
FRXSOLQJ VXFKDFWLRQ XQN DSDEOH RI SHUIRUPLQJ WKHVH
ILQH FRQWURO DRUGHG WR KRPRJHQRXVFHDWO\WVWWKK

In Process

WKH UHDFWLRQ VXEVWUDWHV E\ WRGHLQK DQ FKH
VXUIDFH VXEVWDWWKHURXJK XQGHUVWDQGLQJ WKH IDFWRUV
UHDGLQLRRPSDULVRQ WR D UHDFWLRQ ZLWK D KRPRJHQRXV
$ EULHI H[SORUDWLRQ RI 6$&V LQ JLYHQ LQ &KDSWHU
WKH V\QWKHVLV DQRGXFDUDSDWFKHUDLSDWLHRQ YRWWKHXQDU 6$&
PRGLILDSSURQ FKDWZKHHFUKRO RRJHGRHRRUVWWKHFW XUII DOODQ 6$&
LQFUHDVH WKHRODFWWLYLQVJ HIIHFWV 7KH HQKDQFHPHQW HII
DUH XVHG SUHVXPDEO\ GXH WR VWHULF KLQGHUDQFH
&KDSWHU EHJLQRELQURIVHOORHUDWWOLYRQ\ ZKHUH D UHDF
VLWHV LV VWXGLHG WR GHWHUPLQH ZKLFK SURGXFW LV
3G 2$F33KDUH V\VWHPDWLFDOO\ FRPSDUHG XQGHWWKHPXOWLWLV
IRUFHV EHKLQG VHOHFWLYLW\ DOWKDFXWLGLXVXWDDQVGZHOORIDW
EHWZHHQ D W\SLFDO KRPRJHQHRXV FDWDO\VW DQG DQ 6$&
&KDSWHU EULQJV WRJHWKHU WKH NQRZOHGJH JDLQ
FDUER[\OPRQDRFOLG\HUV WR FRQWURO WKHWXURXWKDIHOHFWLY
LQWHUDFWLRQV EHWZHHQ S\ULGLQH FDUER[\OLF DFLGV DQ
&KDSWGUDZV FRQFOXVLRQV IURP WDQH HQDSSHUERGGLR
SRVVLEOH IXWXUH GLUHFWVFWLIDFGLVLQRWHULDOYFRURXQVDWQGG6$&RODG
WR HQKDQFH 6$& SHUIRUPDQFH