

&855,&8/80 9,7\$(  
\$QGUHDV 0 %H\HU 3K ' )\$+\$ )&96 \$36  
\$VVRFLDWH 3URIHVVRU RI 0HGLFLQH DQG 3K\VLR  
&R GLUHFWRU RI &DUGLR 2QFRORJ\  
%DVLF DQG 7UDQVODWLRQDO 5HVHDFK 3URJU

+20( \$'5(66

8SRQ 5HTXHVV

2)),&( \$'5(66

&DUGLRYDVFXODU 5HVHDFK &HQWHU  
:DWHUWRZQ 3ODQN 5G

0LOZDXNHH :,  
3KRQH

&ROOHJH RI  
:LVFRQVLQ 0LOZDXNHH :,

0,/,7\$5< 6(59,&(

6RFLDQ 07H0Y0MHVHU +LOIVGLHQVW

)\$&8/7< \$332,170(176

,QVWUXFWRU 0HGLFLQH &ID:UGERC  
0 L O Z

\$VVLVWDQW 3URIHVVRUFDCH&RDIQH  
: L V F

\$VVLVWDQW 3URIHVVRU R3K\VLROR  
: L V F

±3UHVHQW \$VRFIDVHF1QRIH&DGLRFRORJ  
: L V F

±3UHVHQW \$VRFIDVHF1QRIH&DGLRFRORJ  
: L V F



&DUGLRYDVFXODU 5HVHDFK)HOORZVKLS  
 7UDYHO \*UQQW 6,RFWHWQRWFRSHUWHQVLRQ  
 1HZ ,QYHVWLJDWRUV 6\PSRVLLXJK 3RVWHU \$  
 %ORRG 3UHVXUH ,6+  
 2XWVWDQGLQJ <RXQJ ,QYHVWRJLWVW \$ZDU  
 2XWVWDQGLQJ D B R & DVHWHU \$ Z D U F & O W \ % D V L F R  
 7UDQVODWLRQDOGLFHDHDFKOHOH RI :LVFR  
 'HSDUWPHQW RI OHGLFLQH  
 ,QWHUQDWLRQDO 7UDYHO \$ZDU IRU <RXQJ  
 7RS 5HYLHZHU -RXUQDO RI WKH \$PHULFDQ  
 -\$+\$ \$PHULFDQ +H DUW \$VVRFLDWLRQ  
 SUHVHQW )HDFK RHWVW \$VVRFLDWLRQ )\$+\$  
 + H D U W  
 SUHVHQW )HOORZ RI WKH \$PHULFDQVFRVORJ  
 6HFWLRQ )&96 \$36

0(0%(56+,36 ,1 +2125\$5< \$1' 352)(66,21\$/ 62&,(7,(6  
 SUHVHQW 0HPEHU \$VVRFLDWLRQ &RXQFLO I  
 %ORRG 3UHVXUH 5HVDFK  
 SUHVHQW 0HPEHU 7KH \$PHULFDQ 3K\VLRRRJJL  
 SUHVHQW 0HPEHU 7KH 0LFURFLUXODWRU\ 6RF  
 SUHVHQW 0HPEHU \$PHULFDQ +H DUW \$VVRFLDW  
 &RXQFLO IRU \$UWHURVFRVORJGV9DVFXODU  
 SUHVHQW 0HPEHDFK RUDWKXSPHU WLLRORJ\ 2UJDD

(',7256+,36 (',725,\$/ %2\$5'6 -2851\$/ 5(9,(:6  
 (GLWRULDO %RDUG  
 SUHVHQW 5HDFWLYH 2[\JHQ 6SHFLHV  
 SUHVHQW 3K\VLRRRJJLFDQ 5HSRUWV \$PHULFDQ  
 \*XHVW (GLWRU \$QWL &DQFHUODKHUHS\ LQG  
 7R[LFLW\ \$PHULFDQ -RXUQDO RI 3K\VLRRRJJ  
 &LUXODWRU\ 3K\VLRRRJJ  
 SUHVHQW \$PRUBDFK RUDWKXSPHU WLLRORJ\ 2UJDD  
 3K\VLRRRJJ\  
 SUHVHQW 0LFURFLUXODWLRQ  
 \*XHVW (GLWRU \$QWL &DQFHUODKHUHS\ LQG  
 0XOWLGLVFLSOLQDU\ 'LJLWDO 3XEOLVKLQJ ,C  
 SUHVHQW *Journal of Gene Regulation* - )RXQ \$VVRFLDWL (GLWRU

-RXUQDO 5HYLHZ  
 SUHVHQW +\SHUWHQVLRQ  
 SUHVHQW -RXUQDOVFRVORJLFDQ 6RFLHW\  
 SUHVHQW &LUXODWLRQ 5HVDFK  
 SUHVHQW )\$6(% -RXUQDOV



0 D U F K

3 D J H

\$+\$ 6FLHQWLILF ~~SFRMLXLRQ~~ 6RPYHO ,QVLJKWV  
9DVRGLODWLRQ LQ +HDOWK DQG 'LVHDTVH  
9DVFXODWXUH 7HDFK 8V  
2UJDQL]HU 6HVVLQR &KDLU  
\$36 &RQIHUHQFH %~~KRVHQRJLWDO~~ ± )URP %H  
%HGVLGH 2UJDQL]LQJ FRPPLWWHH  
6HVVLQR FKDLU

\$+\$ 6FLHQWLILF 6HVVLQR 6\PSRVLXP  
1RQ &RQYHQWLRQDOK ~~3RQHMDRLQO~~ &DRGLRYDV  
+HDOWK DQG 'LVHDTVH 2UJDQL]HU  
6HVVLQR &KDLU

([SHULPHQWDO %LRORJ\ ± 6\PSRVLXP  
9DVRGLODWLRQ LQ +XPDQ 0LFURYHVHVOV )U  
%DFN

2UJDQL]HU  
\$36 &RQIHUHQFHU& ~~DULQR YDZ~~ FXODWLHUV DQ  
)ULHQGV

&RQIHUHQFH &KDLU  
\$36 &RQIHUHQFH ~~3K\VRORJLWDO~~ RPOLWRFKRC  
%HQFK WR %HGVLGH  
2UJDQL]LQJ &RPPLWWHH

([SHULPHQWDO %LRORJ\ ± 6\PSRVLXP  
&KHPRWKHUDS\ LQ ~~GR[LHGWDZ~~ FR ~~OD~~ DOO 7KLO  
0DWWHU  
2UJDQL]HU 6HVVLQR &KDLU

:RUOG &RQJUHVV RI 0LFURFLUFXODWLRQ  
\$ XQLYHUVH EH\RQG 526 DQG \$73 1RYHO  
0LWRFKRQGULD DV 6HFRQGDU\ 0HVHJHUV  
2 U J D Q L ] H U

([SHULPHQWDO %LRORJ\ ± 6\PSRVLXP  
0LFURFLUFX ~~OD~~ ~~WWR~~ ~~QW~~ ~~RQ~~ ~~W~~ ~~DQ~~ )DLOXUH  
2UJDQL]HU 6\PSRVLXP &KDLU

3K\VLRORJ\ \$EHUGHHQ 6FRWODQG  
&RQWULEXWLRQ RI PLFURFLUFXODWLRQ WR G  
IDLOXUH

2UJDQL]HU 6\PSRVLXP &KDLU  
9LUWXDO 1\$9%2 0LQL V\PSRVLXP  
+XPDQ 2UJDQL]LQJ ~~6VXGWH~~ ~~9D~~ ~~FX~~ ~~DU~~ 7R[LFLW\  
&KDLU RUJDQL]HU

<sup>WK</sup>:RUOG &RQJUHVV ~~FR~~ ~~FL~~ ~~UR~~ ~~F~~ ~~%~~ ~~HL~~ ~~ML~~ ~~LQ~~ ~~J~~ &KLO  
\$QWL FDQFHU WUK ~~W~~ ~~ED~~ ~~Q~~ ~~V~~ ~~V~~ ~~D~~ ~~Q~~ ~~F~~ ~~W~~ ~~Q~~ ~~B~~ ~~Q~~ ~~W~~ ~~P~~ ~~H~~ ~~F~~  
DQG FOLQLFDO LPSOLFDWLRQV  
&KDLU RUJDQL]HU

0DUFK

\$36 &RQIHUHQFH 7UDQVODWLRQDO

3DJHRI







6RXUFH 0&: ± 5HVHDFK \$IIDLUV &RPPLWWHH  
5ROH 3,  
3, %H\HU  
'DWHV ±  
3URMHFW 7RWDO

7LWOH 'LIIHUHQWRIQDGLDQ RYVP LQWFOHDPHIXDQVFWLRQ R  
6RXUFH 0&: ± 5HGR[ %LRORJ\ 3URJUDP  
5ROH 3,  
3, %H\HU  
'DWHV ±  
3URMHFW 7RWDO

7LWOH 'LIIHUHQWRIQDGLDQ RYVP LQWFOHDPHIXDQVFWLRQ R  
6RXUFH 1,+ 2IILFH RI 'LUHFWRU  
5ROH 3,  
3, %H\HU  
'DWHV ±  
3URMHFW 7RWDO

7LWOH 'LIIHUHQWRIQDGLDQ RYVP LQWFOHDPHIXDQVFWLRQ R  
,Q UHJXODWLRQ RI PLWRFKRQGULD DQG FDUGLRYDV  
6RXUFH \$+\$  
5ROH 0HQWRU  
3, \$LW \$LVVD  
'DWHV ±  
3URMHFW 7RWDO

7LWOH 0HFKDQLVP RI )ORZ ,QGXFHGF XLODDWLRFQ LQ WKH  
6RXUFH 1,+ 1+/%,  
5ROH &R ,QYHVWLJDWRU  
3, \*XWWHUPDQ  
'DWHV ±  
3URMHFW 7RWDO

7LWOH 'HYHORSPHQW RI D 1DWXUHW% DQHQ R2XPSGRRUH  
%UHDVW &DQFHU 6XUQLYRU (KLSJHG &FHV HDFK \$SSURD  
6RXUFH 0&: 3DWLHQW &HQWHUHG 2XWFRPHV 5HVHDFK &  
5ROH FR 3,  
3, %H\HU .  
'DWHV ±  
3URMHFW 7RWDO

7LWOH +DUQHVVLQJ 7HORPHUDVH



1 R Q 3 H H U 5 H Y L H Z

7 L W O H *Effects of TEVA Compound on Human Vascular Reactivity*  
6 R X U F H 7 H Y D 3 K D U P D F H X W L F D O V  
5 R O H 3, P X O W L 3, J U D Q W  
3, \* X W W H U P D Q % H \ H U  
' D W H V ±  
3 U R M H F W 7 R W D O

, 19, 7 ( ' / ( & 7 8 5 ( 6 : 25.6 + 236 35 ( 6 ( 17 \$ 7, 216

1 D W L R Q D O , Q W H U Q D W L R Q D O

0 L W F R Q G U L D O 7 H O R P H U D V H Q Q W H \$ R Q G D G L R V D J Q F X O D O J  
3 D W K R S K \ V L R O R J \ ' L V W L Q J X L V K H G 6 F L R Q W L K W \$ I O U L H V  
' H S D U W P H Q W R I 3 K D U P D F R O R J \ 0 D U F K

( Q G R W K H O L D O I X Q F W L R Q + \ S H U W H Q V H R Z Q \$ D Q Y G D Q D F U G V L R Y  
& D U G L R Y D V F X O D U B S R M I D X P H \$ P H W W X D O % S L L Y H W V L W X Q R W H  
6 S H D N H U 1 R Y

& R U R Q D U \ \$ U W H U \ ' L V H D V H W R & D U G G R % 2 D F N R Q S I D L Q D -  
' H S D U W P H Q W \$ I X 3 K W L R O R J \ Y H U V L W \ 0 D \

7 K H 7 U D Y H O H G U R D G R I 0 L F U R F L U F R O D M U L G R Q R ± Q U F R O R R L  
D Q G E D F N D J D L Q 0 R O H F X O D U 0 H G L F I D O H & H Q W R O U O B H E K

( I I H F W R I \$ Q W L & D Q F H U 7 K H U D S \ R Q { X S P D L P O H Q W R O D V F  
% L R O R J \ \$ S U L O

0 H F K D Q L V P V R I 0 L F U R Y D V F X O D U Z K R D M L F D L U M \ W R K I H %  
F O L Q L F D O L P S O L F D M I S R Q X R I H O R Q K W F H D U R G L & R L W Q Z F R O R J &  
F R Q V R U W L X P 6 H S W H P E H U

\$ 1 H Z \$ S S U R D F K L Q & D U G L D F 2 Q F R O R U \ \$ U H W M B Q V L V H H D U V Q H  
9 L U W X D O 1 \$ 9 % 2 0 L Q L V \ P S R V L X P R Q H O D V H G D B Y D V F X O D U

\$ Q W L & D Q F H U 7 K H U D S \ , Q G X F H G 0 L F U R Y D V F X O D U '\ V I X Q  
' 1 \$ G D P D J H 9 D V F X O D W D

& K H P R W K H U D S \ , Q G X W H G D & D U H G B R M R Q H R J Z Q W K , G P I D V O H G 2 U  
6 H P L Q D U 8 Q L Y H U V L W \ R I , R Z D ' H S D U W R O R Q W , R Z D + H D O W K  
- D Q X D U \

+ D U Q H V V L Q J 7 H O R P H U D V H & K D O O H C H P L Q D O & D U G H D F L W  
R I + D Q Q R Y H U 0 H G L F D O 6 F K R R O + D Q Q R Y H U \* H U P D Q \ - X Q H



0HPEHU 'L,CFUWLWRDQBRPPLWVH  
R I : L V  
2UJDQL]LQJ &RPPLWWHH 5HGR[ %LRORJ\ 6  
0HPEHU ,QVWLWXWLRQDOHQHGLFDO&DUH D  
&ROOHJH RI :LVFRQVLQ  
0HPEHU 5HLVWD&FRKPSLWVHH 0HGLFDO &ROO  
R I : L V  
0HPEHU RHSDUWPHQWFRKPSLWVHH &RPPLWWHH

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SUHVHQW 0HQWRU IRU 6XPPHU UHVHDFK SURJ

- 5HVHDFK 2SSRUWXQLW\ IRU \$FDGHPLF 6FLHQFH 52\$'6
- 6XPPHU 3URJUDP IRU 8QGHIJUDGXDW 5
- 0HGLFDO 6WXGHQW 6XPPHU 5HVHDFK 3U
- 'LYHUVLW\ 6XPPHU +HDOWK 5HODWHG 5 3URJUDP '6+5(3



0DUFK

&ULWLFDO UROH RIVDRKRRGULLOIFHJYODWF&QURI  
(QGRWKHOLDO )XQFWLRQ

3DJHRI





)UHHG%-H\HU \$R\*LXGLFH -\$ +RFNHQEHUU\ -& \*XWWHUPD  
FKDQJHV WKH PHG&BMCUYDRVRI@LROZDMQLB@ MWRPK@GLWRUJHFQ I  
SHUR[LGH LQ WKH KXPDPQ PLFURFLUFXODWLR30&&LUF 5HV  
30&

%H\HU \$XUDQG 0- +RFNHQEHUU\ -3K\*DP@ELSV 6\$ \*XWWHUP  
\$Q DFXWH ULVH LQ LQWUDOXPL@DROZ SPHGVLDXUHGVC@ILO@WWR  
QLWULF R[LGH WR K@CPUR@HQ0S@@@!@GH LpRHUGA@HA° Àp•€ I

\$XGL 6 )ULHGO\ 1 'D\KORX%H\$DU -D\$FREV (5 'HWHFWLRQ  
3HUR[LGH 3URGXFWHIGR QDVLQ /WQH 8VBOJH \$PSSOGL[F DKG5HVH DU  
DFFHSWHG IRU SXEOLFDWLRQ \$XJ

&KDERZVNL '6 .DGOBF. \$2R\$NWQSELVUWU- %&H\BHUSD\$OVRQ 3  
\*XWWHUPDQ '' /\VRSKRVSKDWIHFHFS WRUGWZFGWOLFROUDY\$H +  
IORZ LQGXFHG GLODWLRQ LQ KXPDQ DRQ SRVH DUWHU  
1RY GRL ESK (SXE 2FW 3

3XE0HG &HQWUDO 30&,' 30&

'XUDQG 0- \$LW \$LVVD . /HYFKHQNR 9 %MDHUX \$OKHQNR \$  
9LVXDOL]DWLRQ DQG 4XDQWLILFDWKLH QQRGROW KVRFLKRFQ \$UJQ  
\$UWHULHV &DUGLRRDVF 5GIRL F3YXJEFOYH G 30,'

\$LW \$LVVD . %ODV]DN 6& %HXWQHU \*-7V)OLK\WHUOR-UJROFH 6  
'/ &DPDUD \$. DQG \*XWWHUPDQ '' 'RQ  
0LWRFKRQGULDO 2[LGDWLYH 3KRVSXKRWNGDWLZLQWGHRIEWC  
\$UWHU\ 'LVHDVSRGWLVHQWLILF UH 30,'

\$LW \$LVVD . +HLVROGHURUR /1R'WZQLV % 'R\RQ \* +DUPD  
\$ &DPDUD %H\HDQ\$G7HORPHUDVH GHILFLHQF\ SUHGLVSR  
DQG LVFKHPLD UHSHUIXVLRQ ,QMXGLFUHQ WLVHUV LQ &D  
30,'

+DGHU 61 =LQNHYLK 16 1RUZRRG 7RHUR -/( \*XVWJHUPDQ  
' DQGH\HU \$0HWULPHQWDO (IIFWV RI &KHPRWKHUDES\  
0LFURYDVFXODU )XQFRXLRQDOSRHUJLFDGR&RUVE\*EDWWRUDQ  
3K\VLRRJ\

'XUDQG 0- +DGHU \$1 ='HUNDHXQDQ 1 %H\QW\$V%&5-  
\$%/ 7\URVLQH .LQDVH !& T@sK\LRpRD ws 0 DQE

K\SHUWHQVLRQDKD GRL K\SSHEUVDHKQVDIGRQRDKD  
 SULQW 30,'  
 5HKR -- \*%H\HU \$HJPDQ 3RLQWV /5D3LHUXFHL . 9DVFXODI  
 HIIHFWV RI GLVUØSP725 & HVQIGRQDKHLDL QKRVEHRO W5HJXO  
 ,QWHJU &RPS 3K\VLRO \$XJ 5 5 GRL  
 (SXE -XQ 30,' 30&,' 30&  
 %H\HU \$ORUZRRG 7RUR /(+XJKHV :( <RXQJ 0 D&ORXJK \$9  
 0 \$XGLE[6\$ :<œ0 0à 'W @ @Ô€° @ Pi 57 -LHUFH ð <x' ÄH™ sÝF

0DUFK

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\$E VWUDFWV

%H\HU \$DODEL &0 .HHQ +/ 0DWKXU 6 7VDL < 6 0DHC  
3K\VLRRORJLFD0 6,GIHQWIFIDQDM LROG RJHVS \$5HQDPV PDQ7 WUKH  
9DVFXODU (QGRWWRQHXB\PSRVLD 33\$5 /;5 7UDYHO \$  
%~~H\HU \$DODEL~~ &0 0DWKXU 6 .HHQ +/ 6LJPXQG &' \*HQB  
0LFH ZLWK 7LVVXH 6SHFLILF ([SUHVVLQRQ QGRIRVW\$50LXPP  
([SHULPHQWDO %LRORJ\  
.HHQ +/ 5\DOH0HU \$DLJXPQG &' 0LFURDUUD\ \$QDO\VL  
([SUHVVLQRQ &KDQJHV LQ 0RXVH \$RUWD3'X\$JGQ &KWRQLF  
+\SHUWHQVLRQ  
+DODEL%80HU \$HHQ +/ /DQJH :0' 6DJDFG) &' 3LYRWDO 5P  
RI 6PRRWK 0XVFOH 6SHFLILF 33\$5 JDPD ULQXQKWL5HQXC  
+\SHUWHQVLRQ H 2UDO 3UHVHQWDWLRQ  
%~~H\HU \$DODEL~~ &0 .HHQ +/ 0RGULFN 0/ D)DUDFL )0  
'\VIXQFWLRQ LQ 7UJ\$QM VHQQF DLFRP (QDQDQ WHRD W3\$5 0  
+\SHUWHQVLRQ H 2UDO 3UHVHQWDWLRQ  
)DUDFL )0 /\QFK & 0RGULFN0/\$DODEL 80DHGD 1 6LJPX  
&' ,QVLJKW IURP 0LFH ([SUHVVLQJ D WLRDQLR B3QDQW 1  
6WURNH  
+DODEL%80HU \$HHQ +/ /DQJH :-' )DUDFL )0 6LJXPQG &'  
YDVFXODU IXQFWLRQ LQ WUDQVJHQ LFF LPILFH GRPLW K DQPR  
QHJDWLYH K33\$5 JDPD \$6H1\$ SUHVVID  
%~~H\HU \$DODEL~~ &0 0RGULFN 0/ +DODEL &0 7VDL < 6 0DHC  
)DUDFL )0 3URWHF3\$5XHLQIMKFW YRVEKQDUIUZPO 0LF,0V  
H[SUHVVLQJ WKH 3JDWGRPLQDQDQQRHQ\$6Q%33\$5 JBPDP  
2UDO 3UHVHQWDWLRQ  
.HHQ +/ +DODEL%80HU \$0\$0 /DQJHQ :-' 0DHGD 1 )DUDFL )0  
3DWWHUQV RI \*HQB ([SUHVVLQRQ LQ \$DQWD1HURPWIDYLFH  
0XWDWLRQV LQ 33\$5\ +\SHUWHQVLRQ H

2V00-040 p|&- L R POEA D L%8(05FU d\$E#H H'd' #D `Ép •20 9 H

%H\HU \$7UDQWRZ & \$QGHUVRQ9DVF&DQWV&EOLWKFH  
PXWDWLRQ LQ WKH /\VRVRPDO 7UDIILFNHQJ 5HJXODWR

%H\HU \$DGLRQ 6 6KHILHOG 9& 5DKPRXQLQ P\$XWHUHG Y  
PRGHOV RI %DUGHW-R\XHGDDOVRQ&VSHUWHXQVSLRQ F

GH /DQJH% H\HU \$DODEL &0 \*RQ]DOH] )- 6LJPXQG &'  
+\SHUFRQWUDFWLQWQ WRFHQDFNKQD\$GSDVFDOLDO  
+\SHUWHQVLRQ 2UDO 3UHVHQWDWLRQ

%H\HU \$QR ' ) 'LGLRQ 69& 65CHKPLR-KOGL . %DUGHW %LHGO  
\*HQHV \$UH ,QYROR&GRLODWFK&DRUQVXQDFVLRQ +\SH2UWH  
3UHVHQWDWLRQ DQG 7UDYHO \$ZDUG

%H\HU \$QR ' ) 5DKPRXQLVLQ \$QJLRRWHQFVXO\$UDLQVW  
'\VIXQFWLRQ \$VVRFLDQVFGZLVEKVLWVWHLQVLRQH +\SHU  
H H 2UDO SUHVHQWDWLRQ

%H\HU \$XQHUV 03 /RPEWULGG+5RDRWHIQWKLQ56HQWH\$QJLRV  
LQ 0DLQWDLQLQJ &HHUHQDQDQVRQDLQXOSHQVHQV&QDS -RXUQ  
RI +\SHUWHQVLRQ 6H\$WHFHEHQJV RI SKMREQMWHUQRDL  
K\SHUWHQVLRQ PHHWLQJ

%H\HU \$DIIDL \* :HLQEHUJ % /RPEDUG -UH 3DKRQH\$VWV6H  
DJDLQVW 9DVFXODWR'HIIHVVW,Q\$XIHQVHSHVLW\ 3URFHHGGLQ  
%ORRG 3UHVXUHHQFVHDBVFKU&RQMHQR H

%H\HU \$HXUWV \$ )UHGU-LFKLVVRE&EUGXWBEVQRQDRI ([W  
6XSHUR[LGH 'LVPXWD'VKOH66QW6HQVVLWLYH 5DWV 3UR  
0LFURYDVFXODU '\VIXQFWLRQ 3URFHUHQVQJH RSHWIKDUFK  
&RQIHUHQFH +\SHUWHQVLRQ H H

%H\HU \$0

0DUFK

%H\HU \$XWWHUPDQ '' \$1\*1R 5HG\WDRWHG/ 'LODWLRQ LQ 5H  
)ORZ LQ +XPDQ 0LFURYHVHVHOV IURP 6XEMRHIFWW KZLHWK  
3K\VLRRORJLF3URFRFWKW836  
0LOOHU % \*XWWHUPDQHU \$RORPHQSVH VXSSUHVHVHV PL

3DJHRI





0DUFK

3DJHRI

0DUFK

3DJH

0DUFK

,EUDKLP (6+ 1RUEHU%\$H\H\DSHU 61

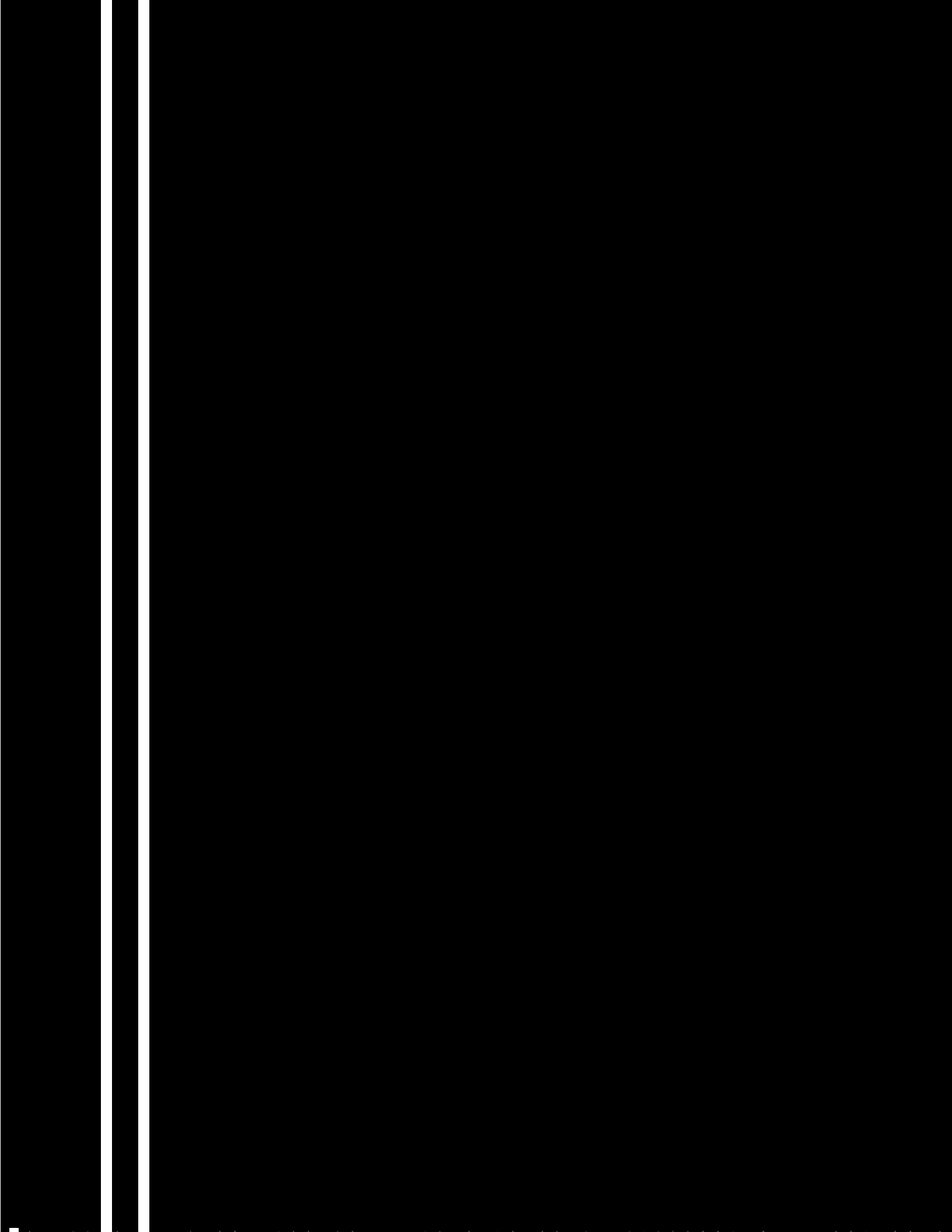
3DJHRI



			<ul style="list-style-type: none"> <li>• )LQDOLVW IRU ,QW HUQDWLRQDO 6RFLHW</li> <li>RI +\SHUWHQVLRQ</li> <li>&lt;RXQJ ,QYHVWLJDWRU DZDUG</li> <li>• \$36 &amp; 9 VHFWRQ ± 2XVWDQGLQJ</li> <li>7UDLQHH \$ZDUG</li> <li>• \$+\$ %&amp;96 1HZ ,QYHVWLJDWRU</li> <li>7UDYHO \$ZDUG</li> <li>• 0XOWLSOH 3UHVHQWDWRQ DW QDWLRQDO</li> <li>PHHWLQJV LQFOXGLQJ (ISHULPHQWDO</li> <li>ELRORJ\ DQG \$PHULFDQ +HDUW</li> <li>\$VVRFLDWRQ 6FLHQWLILF 6HVVRQV</li> <li>,QWUQDWLRQDO 6RFLHW\ RI</li> <li>+ \SHUWHQVLRQ</li> <li>• 3XEOLFDWRQV 30,'</li> </ul>	
<p>'LOOV -DND\OD 8QGHUJUDG VWXGHQW</p>	<p>3UHFHSWURJ 649(5) 3URJUDP</p>	<p>OLWRFKRQGULDO HIFWV LQ &amp; DUGLRYDVFXODU SDWKRORJ\</p>		<p>7XVNHJH 8QLYHUVLW\</p>
<p>4XU\VKL 1DEHO +LJK 6FKRRO 5HVHDFKRO</p>			<ul style="list-style-type: none"> <li>• ,QWHO ,QWUQDWLRQDO 6FLHQFH DQG</li> <li>(QJLQHULQJ )DLU )LQDOLVW ,6()</li> <li>• 6LPHQV &amp; RPSHWLWRQ LQ 0DWK</li> <li>6FLHQFH DQG 7HFQRORJ\ 1DWLRQDO</li> <li>6HPL )LQDOLVW</li> <li>• -XQLRU 6FLHQFH DQG +XPDLWLHV</li> <li>6\PSRVLXP 1DWLRQDO )LQDOLVW</li> <li>• 3UHVLGHWLDO 6FKRODU \$ZDUG</li> <li>G° R'e €€ (U &amp; P€06•ppiP P SQZ B 0Lµ0 4#À` 0e</li> </ul>	

			• 3XEOLFDWLRQV 30,	
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&DUU  
.DWKHULQH  
0HGLFDO VWXGHQW





0DUFK

DUROLQH WXP 6XGHQ )UDQFHV	
HOOHEUDQGW 3URIHVVLRRQDO	
SSRUWXQLW\ \$ZDUGV	
LQDOLVW \$PHULFDQ 3K\VLRRJLFDQ	
RFLHW\ &DUGLRYDVFXODU 6HFWLRQ	
XWVWDQGLQJ 7UDLQHH \$ZDUGV	

XOWLSOH 3UHVHQWDWLRQ DW QDWLRQD	
HHWLQJV LQFOXGLQJ ([SHULPHQWDO	
,LRORJ\ DQG \$PHULFDQ +HDUW	
VVRFLDWLRQ 6FLHQWLILF 6HVVLRRQ	
XEOLFDWLRQV 30,'	

LILF

&	
RQRUV 3URMHFW IRU %DFKHORU RI	
FLHQFH 3K\VLRRJ\	
EVWUDFW SUHVHQWDWLRQV	
[SHULPHQWDO %LRRXJGHQWDO&	
DVFXODU 'LVFRYHULHV	

HGLFDO 6WXGHQW 6XPPHU	
HVHDFK )HOORZVKLS YLD 7	
UDLQLQJ JUDQW 5HVLGHQW	
UHVHQWHG ZRUN D\ \$RSJLHQWKL F	
HVVLRRQV &DUH	
RQWULEXWHG WR QDQRVULQW	
SHQGLQJ	
RQRUV LQ 5HVHDFK	

3DJHRI

cp 3

6#G@RX#@cp3

7SVLHUUH 4XHWD &ULVWKL 0673 VWX	7KHVLV UHVDJ SURMHF	5ROHR PLVFF IXVLRQ LQ PLFURYDVFXODU JFVFXODU SDWKRORJ	7BY d.c.W 1D W L P Q 0HG D Q L W K +HDOWK D Q G 'LYHUVH 0HGLFDO 3URJUDP GLSHDU RBUHVHQWDWLRQ DW ([SHULPHQWDO &\$' %LRORJ\	HOORZ RXQQ 6FKRODUV 1\$ HUVLW\ WUDYHO WKH \$36 ([SHULPHQWDO &DUGLRYDVFXODU &HQWHU 0HGLFDO &ROOHJH RI :LVFRQVLQ 7 ,PSDFW RI \$Q &DQFHU 7KHUVS RQ 0LWRFKRQGULDO QWHJULW\ ZLWKLQ WKH 0LFURYDVFXODU (QGRWKHOLXP
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