

&+(0

7KRPDV .XKQ

&KHP &51
,QIRUPDWLRQ 6WRHJD JH0BQ6FXLDHQW DQG 3DWKZ
)DOO

,QVWUXFWR0KRPDV .XKQ 0XULH ' WENXKQ#DODVN

2IILFH +RXUVRQGD\ DQG)ULGD\HRO-ORZLYHUOVHFXLDHQWVWRU H
FRQWDFW WKHSLRQVHUFBWHPUDLO DW DQ\ WLPH

/HFWXUH 0RQGD\ :HGQH\VG D\)ULGD 5(,&
WR LQFQRW LQJ ILQDO

7H[WERRN Principals of Biochemistry ^{WK}(GLWLRQ
'DYL G / 1HOVRQ DQG 0LFKDHO 0 &R[
: +)UHHPDQ DQG &RPSDQ\ 1<
,6%1 ;

QQ QINLQQ' PDKHUTP DOGF XDRWHLQV LQFOXGLQJ
P '1\$ VWULXFOV XHSDLOG 5WHSRPERQDWLSRQHSDIOFDW
/UDQVFUL\$MLRQ7DQGVSURVHROV LQQG*SDRWHLQHV
FRQVHIDHSRLODUEW HDFKQLHXVHGZ ZKHQ DSSURSULDWH

GQHQWVGRHOGOMFXVWHQV ZLROK DMLVRQDOH
DSWDV XONHDEBOLW WGLEVFXVLRQ
DQGRPOVHUNHOG DQRG H[SODLQ VHFWRQRV DQG RU
KHVH GSDRXPDRQWRDWHUDR VODWH VFLHQFH NQRZOHGJH
H WKH DSSOLFDWLRQ RI VFLHQFH

RGEQO SURVHWVH XFXQGHUOXLOFWLRQ UHJXODWLRQ
\$ DQG 3URWHLQV
YHGE XWR DWHQVWXLROV XRF\$MLRQHLQ '1\$
DMLLRQ DRQ GOMFSKOD[UPSURRHPRVHV DQG SURWHLQ
YHGRSQFWHODRBRQVW DORSUCRHHVVHV DQG RU

HUPXQDGLQWVSDSGDWHVSHBHRHHQLW WKH
URXQVSDSHLDGLVFXVLRQ

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7KRPDV .XKQ

/H DUQLQJ 2XWFRPHV

8QGHUVWDQG VW ODFWLRIQHVIKLSF V H RQH UPHO QWUQUQWDFWURPRLR C
\$VSHFWV RI V\QHULV B Q G RUPSHLSBAREY EW RUPROHYFXOW UWG\QD
*HQH UHJXODWLROJ P QFWHRUPRODFX P R M SKHG RWS SHV VLRQ
%LRPHGLFDO GLVHVDH UHODWHG DVSHFWV RI WRS LFV

