

LI Ting

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, . - / (01&232 / 2%(\$#"45563%7(8%%&-" .)31(, %73.31%(-17(9%-62))
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, . - / (A13B%"&32<(#\$(: .3%1.%(-17(C%.)1#6#D<'(, . - - / (

, #>36%E(FGHI(JIHGKLG MN(O\$\$3. %E(FGHI(GGKPMQLR(

ST-36E(263UT / &2*%7/*T#((

0(#>2-31%7(T<(!)*+*(\$"#T(9#1D(; #1D(V-523&2(A13B%"&32<(31(MLRL'(\$#66#W%7(><(#1%(<%"(#\$(5#&27#.2#"-6(
2"-3131D(-2(:.)##6(#\$(@)31%&%(, %73.31%'(9#1D(; #1D(V-523&2(A13B%"&32<(\$"#T(MLRL(2#(MLRR*(01(:%52*(MLRR'
0(X#31%7(2)%(: 2-2%(; %< (= ->#" -2#" < (#\$(? / -632 < (8%%&-" .)31(@)31%&%(, %73.31%&(-17(2)%(, . - - / (01&232 / 2%(\$#"45563%7(8%%&-" .)31(, %73.31%(-17(9%-62))'
! "#\$%&&#"(-17(W-&(5#"#T#2%7(2#(4&&#.3-2%(! "#\$%&&#"(31(MLRJ*(0(-)B%(#>2-31%7(P(D"-12&(-&(5"31.35-6(
31B%&23D-2#"(-17(R(D"-12(-&(@#Y5"31.35-6(31B%&23D-2#"(\$"#T(2)%(: .3%1.%(Z(C%.)1#6#D<(+ %B%6#5T%12([/ 17(
\[+ @C](-17(#\$(, . - #'(-17(R(D"-12(\$"#T(2)%(, . - #([#/17-23#1(#\$(, . - #'(0(-)B%(5/>63&)%7(T#"%(2)-1(HL(
5%"Y"%B3W%7(-"23.6%&(31(! "#\$%&&#'(')*&#(+ , . - #'\$&#/'+ O\$-++ , #I*&#(+ 2*'(')*&#(+ 3-I*-/+ 5&6#+
!"#\$%&&#&-76*#&+ 8*4*#&+ 2+ 9: ' ; - \$+ .6 '\$<=+ -17+ 54)->+ : "-%+ ?46+ @I+ @4)(A+ -17(2#2-6(.32-23#1(3&(MLQQ(
 \- . . #731D(2#(2)%("% . #7(#\$(^ %>(#\$(: .3%1.%)*(0(-)B%(>%1(D"-12%7(RL(312%"1-23#1-6(5-2%12&(-17(R(@)31%&%(
5-2%12*(0(-)B%(>%1(-W-"7%7(2)%([3"&2(5"3_#\$(2)%(` -2/"%(-17(:.3%1.%(@-2%D#"<(#\$(MLRQ(-17(MLRG(, 313&2<(
#\$(S7/. -23#1(93D)%(S7/. -23#1(O/2&2-1731D(:.3%123\$3.(8%%&-" .)(O/25/2(4W-"7&'(2)%([3"&2(-17(:%#17(
5"3_#\$(#(`-2/"-6(:.3%1.%(4W-"7(#\$(, . - / (#\$(MLRJ(-17(MLMM'(C)3"7(!"3_#\$(@)31%&%(V3#5)<&3. -6(:#.#2<(
[%T-6%(:.3%123&2&(O/2&2-1731D(:.3%123\$3.(8%%&-" .)(4.)3%B%T%12&(#\$(MLMI'(-17(2W3.%3173B37/-6("%&%" .)(

-W-"7&(#\$(, . - / (A13B%"&32<(#\$(: .3%1.%(-17(C%.)1#6#D<*(
, <(T-X#"("%&%" .)312%"%&2&(-17("-%&(31.6/7%E(R)(45563. -23#1(#\$(T/623Y#T3.&(2%.)1#6#D<(2#(31B%&23D-2%2)%(
5-2)#D%1%&3&(#\$(31\$6-TT-23#1(-17(-/2#3TT/1%(73&%-&%&N(M)(01B%&23D-23#1(#\$(2)%(T#6%./6-(2-"D%2&(-17(
T%.)-13&T&(#\$(2)%(- .23B%(.#T5#/17&(\$"#T(@)31%&%(T%73.31%&2#(2"%-2(31\$6-TT-23#1(-17(-/2#3TT/1%(
73&%-&%&N(I)(:2/7<(#1(2)%(&<1%"D3&23.(%\$\$\$.2&(-17/17%"6<31D(T%.)-13&T&(#\$(2)%(312%" . -23#1(>%2W%1(1-2/"-6(
5"#7/.2&(-17(W%&2%"1(7"/D&(2#(2"%-2(31\$6-TT-23#1(-17(-/2#3TT/1%(73&%-&%&*(Q)(+"D(73&.#B%"<*(

Academic Career

- MLRI*PY(((**P o f e o**
, - ./ (01&232/2%(\$#"(45563%7(8%&%-".)(31(, %73.31%(-17(9%-62)')(:2-2%(; %<(<=>#" -2#"<(#\$(? / -632<(8%&%-".)(31(@)31%(&%(, %73.31%'(, - ./ (A13B%"&32<(#\$(: .3%1.%(-17(C%.)1#6#D<'(, - ./'(@)31-(
- MLRJ*PY(MLMI*J(((**A o c i a e P o f e o**
, - ./ (01&232/2%(\$#"(45563%7(8%&%-".)(31(, %73.31%(-17(9%-62)')(:2-2%(; %<(<=>#" -2#"<(#\$(? / -632<(8%&%-".)(31(@)31%(&%(, %73.31%'(, - ./ (A13B%"&32<(#\$(: .3%1.%(-17(C%.)1#6#D<'(, - ./'(@)31-
- MLRR*KY(MLRJ*J((((**A i a n P o f e o**
, - ./ (01&232/2%(\$#"(45563%7(8%&%-".)(31(, %73.31%(-17(9%-62)')(:2-2%(; %<(<=>#" -2#"<(#\$(? / -632<(8%&%-".)(31(@)31%&%(, %73.31%'(, - ./ (A13B%"&32<(#\$(: .3%1.%(-17(C%.)1#6#D<'(, - ./'(@)31-
- MLRL*JY(MLRR*G (**P o d o c o a l T a i n i n g**
: .)##6(#\$(@)31%&%(, %73.31%'(9#1D(; #1D(V-523&2(A13B%"&32<'(; #W6##1(C#1D'(9#1D(; #1D'(@)31-
- 2005.9- 2006.12 **R e e a c h A i a n**
School of Chinese Medicine, Hong Kong Baptist University, Kowloon Tong,
Hong Kong, China

A a d

- R] @)31%&%(V3#5)<&3.-6(:#.3%2<([%T-6%(:.3%123&2&(O/2&2-1731D(:.3%123\$3.(8%&%-".)(4.)3%B%T%12&(C)3"7(!"3_#\$(MLMI(\0173B37/-6(4W-"7)(
- M] :%.#17(5"3_#\$(`-2/"-6(:.3%1.(4W-"7(#\$(, - ./'(MLMM'(, - ./'*(
- I] [3"&2(5"3_#\$(2)%(` -2/"%(-17(:.3%1.%(@-2%D#"<(#\$(MLRG(, 313&2"<(#\$(S7/ .-23#1(93D)%(S7/ .-23#1(O/2&2-1731D(:.3%123\$3.(8%&%-".)(O/25/2(4W-"7&(#\$(:2/73%&(#1(2)%(1#B%6(T%.)-13&T(#\$(31)3>323#1(#1(->1#"T-6(5"#63\$%"-23#1(-17(73\$%"123-23#1(#\$(2)%(.%66&'(2)%(, 313&2"<(#\$(S7/ .-23#1(#\$(@)31-(MLRG'(V%3X31D'(@)31-*(
- Q] C)(\$3"&2(5"3_#\$(a)#1D_)/(, %73.-6(=3\$%(:.3%1.(8%&%-".)(#\$(MLRP'(, - ./'(A13B%"&32<(#\$(: .3%1.%(-17(C%.)1#6#D<(\0173B37/-6(8%&%-".)(4W-"7)(
- H] VO@(Sb.%66%12(8%&%-".)(4W-"7(#\$(MLRP'(, - ./'(A13B%"&32<(#\$(: .3%1.%(-17(C%.)1#6#D<(\0173B37/-6(8%&%-".)(4W-"7)(
- J] [3"&2(5"3_#\$(`-2/"-6(:.3%1.(4W-"7(#\$(, - ./'(MLRJ'(, - ./'*(
- P] [3"&2(5"3_#\$(2)%(` -2/"%(-17(:.3%1.%(@-2%D#"<(#\$(MLRQ(, 313&2"<(#\$(S7/ .-23#1(93D)%(S7/ .-23#1(O/2&2-1731D(:.3%123\$3.(8%&%-".)(O/25/2(4W-"7&(#\$(:2/73%&(#1(2)%(1%2W#"cY>-&7(T#7/6-2#"<(

T%.)-13&T(#\$(2)%(#63&23.(2)%"-5<(#\$(2"-7323#1-6(@)31%&%(T%73.31%'(2)%(,313&2"<(#\$(S7/.-23#1(#\$(
@)31-'(MLRQ'(V%3X31D'(@)31-*(

Re ea ch G an /P ojec

MLMMYMLMH(((4.."/-2%(73-D1#&3&(-17(2"%-2T%12(#\$(.#6#"% .2-6(. -1.%"(/&31D(-"23\$3.-6(312%663D%1.%(
2%)1#6#D<(>-&%7(#1(.6313.-6'(&31D6%Y.%66(-17(T/623Y#T3.&(7-2-(\: .3%1.%(Z(
C%.)1#6#D<(+B%6#5T%12([/17(#\$(, -. -#'(LLIdMLMRd4 ; !'(P'IIL'LLL(, O!'(@#Y!0)(
MLMRYMLMM(:2/7<(#1(2)%(2)%"-5%/23.(&2"-2%D3%&(2#(&/55"%&&(MLRKY1@#e(;#; 2-"D%231D(2)%(
312%"-.23#1(>%2W%%1(:53c%(-17(4@SM(\: .3%1.%(Z(C%.)1#6#D<(+B%6#5T%12([/17(#\$(
, -. -#'(LLHGdMLMLd4 '(IGH'LLL(, O!'(!0)(
MLMLYMLMM(:5%.3-6(\$/1731D(\$#"(2)%(312%"1-23#1-6(2"-3131D(#\$(<#/1D(&.3%123&2&(\: .3%1.%(Z(
C%.)1#6#D<(+B%6#5T%12([/17(#\$(, -. -#'(LRRd40fdMLML'(RGL'LLL(, O!'(!0)(
MLRKYMLMM(!"% .3&3#1(73-D1#&3&(-17(2"%-2T%12(#1(")%/T-2#37(-"2)"323&(><(-556<31D(1#B%6(
73-D1#&23.(T%2)#7(-17(2)%"-5%/23.(&2"-2%D<(\: .3%1.%(Z(C%.)1#6#D<(+B%6#5T%12(
[/17(#\$(, -. -#'(LLIdMLRKd4 ; !'(RI'LL'LLL(, O!'(@#Y0)(
MLRGYMLMR(V3#T-"c%&(&."%131D(-17(T#6%./6-"(.6-&&3\$3.-23#1(T%2)#7(##"5"% .3&%(73-D1#&3&(-17(
2"%-2T%12(31(")%/T-2#37(-"2)"323&(\: .3%1.%(Z(C%.)1#6#D<(+B%6#5T%12([/17(#\$(
, -. -#'(LLKQdMLRGd4 I'(M'PKR'LLL(, O!'(@#Y0)(
MLRGYMLMR(:2/7<(#\$(5"#2%#&2-&3&(31(31\$6-TT-23#1(-17(5#2%123-6(7"/D(2-"D%2&(31(0 ; ;g(c1#.cY31(
T3.%(\: .3%1.%(Z(C%.)1#6#D<(+B%6#5T%12([/17(#\$(, -. -#'(LLRpDMLRGd4R'
M'RQH'LLL(, O!'(!0)(
MLRGYMLMM(:2/73%&(#1(2)%(%\$\$% .23B%1%&&(#\$("T3-#&-1(.6-&&3\$3%7(\$#"T/6-(\$#"")%/T-2#37(-"2)"323&(9@(
2)%"-5<(>-&%7(#1(@)31T%7#T3.&(\: .3%1.%(Z(C%.)1#6#D<(+B%6#5T%12([/17(#\$(
, -. -#'(LLIMdMLRGd4 [f'(M'LRH'LLL(, O!'(@#Y0)(
MLRJYMLRK(:2/73%&(#1(2)%(.#Y"%6-23#1(-T#1D(D/2(T3."#\$6#"-'(T%2->6#T3.&(-17(, 9@(
")%/T-2#37(-"2)"323&(5-23%12&(-17(2)%(1%W(312%B%123#1(&2"-2%D<(\: .3%1.%(Z(
C%.)1#6#D<(+B%6#5T%12([/17(#\$(, -. -#:(48'(RLMdMLRJd4 I'(I'QLI'KLL(, O!'(@#Y0)(
MLRHYMLRJ(-/2# , 4@:(!"#(\: .3%1.%(Z(C%.)1#6#D<(+B%6#5T%12([/17(#\$(, -. -#'(LMHdMLRQd: V'
, O!'JRM'RRL'(!0)(
MLRQ(YMLRP(8Z+(#\$(2)%(.-1737-2%(7"/D(\$#"(-/2#3TT/1%(.#17323#1&(\$"#T(@)31%&%()">-6(T%73.31%(
2-"D%231D(#1(2)%(8O8(63D-17&(#\$(C)RP(.%66&(\: .3%1.%(Z(C%.)1#6#D<(+B%6#5T%12(
[/17(#\$(, -. -#'(LGRdMLRI d4 I'(R'GRL'QLL*LL(, O!'(!0)(
MLRM(YMLRQ(:2/73%&(#\$(2)%(&<1%"D3&23.(-123Y31\$6-TT-2#"<(%\$\$%.2(-17(31\$6/%1.%(#1(2)%(3TT/1%(
#"D-1&(>%2W%%1(7%b-T%2)-%(-17(\$6-B-1#1%&(7%"3B%7(\$"#T(@)31%&%(T%73.31-6(
)%>&(\: .3%1.%(Z(C%.)1#6#D<(+B%6#5T%12([/17(#\$(, -. -#'(LJHdMLRRd4 I'(R'PIJ'QLL(
, O!'(!0)(
MLRRYMLRI(07%123\$3.-23#1(#\$(2)%(T#6%./6-(T%.)-13&T&(-17(7"/D(-.23#1(2-"D%2&(#\$(8)MSM'(-1%W(

7%"3B-23B%(#\$(D31#&37%'(#1(-123Y.-1.%"(></&31D(5"#2%#T3.&(2%).)1#6#D<(\ : .3%1.%(Z(
C%).)1#6#D<(+#B%6#5T%12([/17#\$(, -. #'(LIHdMLRRd4M'(Q'PKK'JLL(, O!'(@#Y0)(
MLRMYMLRI(((:)3c#131(&/55"%&&&(C(6<T5)#.<2%(-.23B-23#1(2)"#/D)(31)3>323#1(#\$(0 ; ; βY0κVαY` \ Y
κV(-17(, 4 ! ; (&3D1-631D(5-2)W-<(\ , -. /(\$#/17-23#1'(LMRI'(, O!(HI'LL*LL'(!0)[

Academic Membe hip

- Sb% . /23B%(@#/1.36(C)%(: % .#17(V#-"7(#\$(@#T T 322%#(#\$(: 2-17-"7(@#1&2"/ .23#1(#\$(^ #'67(, % T>% "([%7%" -23#1(#\$(@)31%&&(, %73.31%(:# .3%23%&(
- @#T T 322%%(: 5%.3-62<(@#T T 322%#(#\$(4 123Y31\$6- T T -23#1(-17(0T T /1#5) -"T - .#6#D<(#\$(@)31%&&(!) -"T - .#6#D3. -6(:# .3%2<(
- @#T T 322%%(: 5%.3-62<(@#T T 322%#(#\$(@6313. -6(!) -"T - .#6#D<(-17(C#b3.#6#D<(#\$(@)31%&&(4&&#.3-23#1(#\$(012%D"-23B% (, %73.31%(
- @#T T 322%%(0T T /1#2)"%"-5<(V"-1.)(#\$(@)31%&&(:# .3%2<(#\$(V3#T%73. -6(S1D31%%"31D(

Edi o hip

- R] S732#"(["#123%"&(31(0T T /1#6#D<(
- M] S732#" (, 3. "#&2"/ .2/"%&(
- I] 4&&#.3-2%(S732#" (, %7@#T T(Y([/2/"% (, %73.31%(

Rep e en a i e P blica ion

R] =3/(f'(a) / -1D(h i ' (^ /f' (^ / (? '=3/ (, i '(a) -#(h' (=3/(a ? ' (^ -1D(@h' (= / (= ' (, %1D(hf' (= %3(; ^ '(=3/(i f' (^ / (? V' (= % / 1D(S=9'(j / # (a h' (=3/(=# ' Li T # '(0 ; ; g(T%73-2%&())#T%#&2-23.(\$/1.23#1(31(31\$6- T T -23#1(; #+ .#T5%2323B%6<(5)#&5)#' <6-231D(4 , ! ; (-17(0κVα*(4.2-(!) -"T (: 31(V*(MLMM([%>NRM\M]EJHRYJJQ*(\k.#Y .#""%&5#1731D(-/2)#'"(&' ; - \$+ .6 '\$<([10[E(RQ*KLP'("-1c%7(G2)(31(MPK(X#/"1-6&(\ M*JKm)(#\$(.-2%D#'"<(!948 , 4@O=Oj h(Z(!948 , 4@hn(

M] =3-#(; ' : / (i '(= %3(; '=3/(a' (= / (= ' (^ / (? ' (!-1(9'(9 / -1D(? '(a) -#(h' (^ -1D(, '(@-3(f' (=3/(=# ' Li T # *(: 31#T%131%(5"#2%.2&>#1%(\$"#T(7%&2"/ .23#1(2#(-T%63#" -2%(-"2)"323& ; *#+- .23B-231D(5JM^{T 269/Se 272Y} ; % -5RY` "SM(\$%7>-.c(6##5*(V3#T%7(!) -"T - .#2)%*(MLMR(f-1(RNRIHERRRRKH*(\k.#Y.#""%&5#1731D(-/2)#'"(10[E(P*QRK'("-1c%7(MQ2)(31(IJR(X#/"1-6&(\J*HRm)(#\$(.-2%D#'"<(!948 , 4@O=Oj h(Z(!948 , 4@hn(

I] @)%1(? '(=3/(f'(a) / -1D(h'(V-3(=! (h' / -1(? '(a)%1D(: '(=3-#(; ' ;) -1(, 4' (^ / (? '(= / # (@ '(=3-1D(= ' (^ -1D(9#'(Li T # *(07%123\$3. -23#1(#\$(-1(0 ; ; g(31)3>32#"(\$#'(31)3>323#1(#\$(31\$6- T T -23#1(*4+ ; * ' + -17(*4+ ; *6\$' A+ !) -"T - .#6(8%&*(MLRK(4 / D(IRERLQQQL*(\k.#Y.#""%&5#1731D(-/2)#'"(10[E(RL*IIQ'("-1c%7(RH2)(31(MPK(X#/"1-6&(\H*IGm)(#\$(.-2%D#'"<(!948 , 4@O=Oj h(Z(!948 , 4@hn(

Q] Li T # '(h-1([o'(, %1D(i' (^ -1D(f'(C31D(; -T(8 ; '(a%1D(i' (=3/(a'(a) # / (9'(h-1D(['(8%1(8' (=3-#(; '(=3/(=*(0T5"#B%T%12(#\$(D6/ .#. #. #23. #37Y3T5-3"%7(2)<T / &(\$/1.23#1(><(73)<7"#T<"3. %231(B3- / 5Y"%D/6-23#1(#\$(!!48pY- &&#.3-2%7(\$-22<(-.37(T%2->#63&T*(!) -"T - .#6(8%&*(MLRG(`#BNRIPEPJYGG*(\o.#Y\$3"&2(-/2)#'"(10[E(RL*IIQ'("-1c%7(RH2)(31(MPK(X#/"1-6&(\H*IGm)(#\$(.-2%D#'"<(!948 , 4@O=Oj h(Z(!948 , 4@hn(

H] 9 / -1D(=*[*(+ #1D(h*(^ / (f*(=*(^ -1D(!* i*(a)#/(9*(Li T#(-17(=3/(=#(:31#T%131%Y317/ .%7()3&2- T31("%6%-&Y63c(-1-5)<6- .2#37("%- .23#1&(-"(>6# .c%7(><(2"-136-&2(;*#(31)3>3231D(` [YκV(&3D1-631D*(!)-"T- .#6(8%&*(MLRP(` #BNRMH\!2(V)ERHLYR JL*(\k.#Y.#"%"&5#1731D(-/2)#"*)*(10[E(RL*IIQ'("-1c%7(RH2)(31(MPK(X#/"1-6&(\H*IGm](#\$(.-2%D#"<(!948 , 4@O=O j h(Z(!948 , 4@hn(

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R] =3/(f'(a) / -1D(h i '(^ / (f'(^ / (?'(=3/(, i '(a)-#(h'(=3/(a ?'(^ -1D(@ h'(=/(=/'(, %1D(hf'(=3(; ^ '(=3(i f'(^ / (? V'(=% / 1D(S=9'(j / # (ah'(=3/(=#(Li T#(0 ; ; g(T%73-2%&(#T%#&2-23.(\$/1.23#1(31(31\$6- T T -23#1+ ; *#(.#T5%2323B%6<(5)##&5)#"<6-231D(4 , ! ; (-17(0κVα*(4.2-(!)-"T(:31(V*(MLMM([%>NRM\M]EJHRYJJQ*(\k.#"%"&5#1731D(-/2)#"*(&' ; -\$+ .6' \$<](10[E(RQ*KLP'("-1c%7(G2)(31(MPK(X#/"1-6&(\M*JKm](#\$(.-2%D#"<(!948 , 4@O=O j h(Z(!948 , 4@hn(

M] i3-#(8!'(=%3(; ^ '(; /#c(99'(+ #1D(^ +'(a) / -1D(h i '(C-1D(h ?'(j / # (ah'(?31(9 h#'(V-3(=Y! #'(Li T#'(:<12) %&3&(-17(37%123\$3. -23#1(#\$(632)#.)#63. (- .37(IY&/6\$-2%(-&(8O8B2(63D-17(2#(31)3>32(C)RP(.%66(73\$\$%"%123-23#1*(f(=% / c#. (V3#6*(MLMM([%>(MR*(7#3E(RL*RLLM*(\k.#"%"&5#1731D(-/2)#"*)*(10[E(J*LRR'("-1c%7(MI2)(31(PG(X#/"1-6&(\M*GHm](#\$(.-2%D#"< 9S , 4CO=O j hn(

I] =3-#(; '(: / (i '(=%3(; '(=3/(a'(=/'(^ / (?'(!-1(9'(9 / -1D(?'(a)-#(h'(^ -1D(, '@-3(f'(=3/(=#(Li T#(:31#T%131% (5"#2% .2&(>#1%("\$#T(7%&2"/ .23#1(2#(-T%63#"-2%(-"2)"323&(B3-(- .23B-231D(5JMC)"MJkd : %"MPMY ; % -5RY ` \$M(\$%7>- .c(6##5*(V3#T%7(!)-"T- .#2)%"*(MLMR(f-1(RNRIHERRRRKH*(\k.#Y.#"%"&5#1731D(-/2)#"*)*(10[E(P*QRK'("-1c%7(MQ2)(31(IJR(X#/"1-6&(\J*HRm](#\$(.-2%D#"<(!948 , 4@O=O j h(Z(!948 , 4@hn(

Q] a#/(Vo'(a)-1D(ho' Li T*'(=3/(f'(+ #1D(^ '(C-1(h'(h-1D(?'(+31D(a'(=3-#(; '(i / (f'(!-1(9'(=3(i '(=3/(=*(4(T/2-23#1(#\$(.<&2%31%(QJ(31(0 ; ; Yg(5"#T#2%&(T ! j S : YR(-17(.-B%#631YR(%b5"%&&3#1(2#%b- . %">-2%(#&2%# .6-&2(73\$\$%"%123-23#1(-17(#&2%#6<&3&*(V3#.))T(!)-"T- .#6*(MLRK(+ .(RIERRIPJM*(\o.#Y\$3"&2(-/2)#"*)*(10[E(J*RLL'("-1c%7(QJ2)(31(MPK(X#/"1-6&(\RJ*IRm](#\$(.-2%D#"<(!948 , 4@O=O j h(Z(!948 , 4@hn(

H] @)%1(?'(=3/(f'(a) / -1D(h'(V-3(=! (h' / -1(?'(a)%1D(: '(=3-#(; '(;)-1(, 4'(^ / (?'(=/'(=@'(=3-1D(=/' ^ -1D(9'(Li T#'(07%123\$3. -23#1(#\$(-1(0 ; ; g(31)3>32#"(\$#(31)3>323#1(#\$(31\$6- T T -23#1(31(B3B#(-17(31(B32)#*(!)-"T- .#6(8%&*(MLRK(4 / D(IRERLQQQL*(\k.#Y.#"%"&5#1731D(-/2)#"*)*(10[E(RL*IIQ'("-1c%7(RH2)(31(MPK(X#/"1-6&(\H*IGm](#\$(.-2%D#"< !948 , 4@O=O j h(Z(!948 , 4@hn(

J] =3/(f'(V-3(=! (h-1D(['(h-#(i f'(=%3(; '(= -T'(@)"3&2#5)%" ^ -3(; %3N(^ / (? V'(a) / -1D(h i '(i3-#(8!'(=3-#(; '(; / #c(99'(Li T#'(=3/(=*(!#2%12(-12-D#13&2&(#\$(8O8p2'(. -"7%1#637%&(\$"#T(@-6#2"#53&(D3D-12%- '(%b)3>32(73& . "%5-12%\$\$% .2&(#1(2)%(73\$\$%"%123-23#1(#\$(C(6<T5)#. <2%(&/>%&2%*(\k.#Y.#"%"&5#1731D(-/2)#"*)*(, #6(!)-"T*(MLRK([%>(QNRJ\M]EPKGYGLP*(\k.#Y.#"%"&5#1731D(-/2)#"*)*(10[E(H*IJQ'("-1c%7(JH2)(31(MPK(X#/"1-6&(\MI*ILm](#\$(.-2%D#"<(!948 , 4@O=O j h(Z(!948 , 4@hn(

P] Li T*'(h-1([o'(, %1D(i '(^ -1D(f'(C31D(; -T(8 ; '(a%1D(i '(=3/(a'(a)#/(9'(h-1D(['(8%1(8'(=3-#(; '(=3/(=*(0T5"#B#T%12(#\$(D6/ .#.#"23. #37Y3T5-3"#7(2)<T / &(\$/1.23#1(><(73)<7"#T<"3. %231(B3-(/ 5Y"%D/6-23#1(#\$(!! 48pY-&&# .3-2%7(\$-22<(- .37(T%2->#63&T*(!)-"T- .#6(8%&*(MLRG(` #BNRIPEPJYGG*(\o.#Y\$3"&2(-/2)#"*)*(10[E(RL*IIQ'("-1c%7(RH2)(31(MPK(X#/"1-6&(\H*IGm](#\$(.-2%D#"< !948 , 4@O=O j h(Z(!948 , 4@hn(

G] h-1D([(: / (i '(!3(f'(=3-#(; '(a)#/(9'(: / 1(h'(=3/(f'(j / # (i '(f3-1D(f'(f31(9'(@-3(f'(Li T#'(=3/(=*(42#T3. (\$#". % (T3. "#& .#5<(2% .)13q/(/ &%7(\$#'(-&&&&T%12(#\$(2)%(-123Y-"2)"323. (%\$\$% .2(#\$(63.#.)-6.#1%(4(B3-(&/55"%&&31D(` [YrV(- .23B-23#1'(V3#T%7(!)-"T- .#2)%"*(MLRG(f/6NRLIERHKMYR JLRL*(\k.#Y.#"%"&5#1731D(-/2)#"*)*(10[E(P*QRK'("-1c%7(MQ2)(31(IJR(X#/"1-6&(\J*HRm](#\$(.-2%D#"<(!948 , 4@O=O j h(Z(!948 , 4@hn(

K] :/(i o' Li T'(=3/(a'(9 /-1D(?'(=3-#(;'(8%1(8'(=(='(?3(i '(^ -1D(, '@)%1(f'(a)#/(9'(= %/1D(S='
!-1(9'(=3/(f'(^ -1D(9'(9 /-1D(='(=3/(='(=3.#.)-6.#1%(4(-.23B-2%&(;%-5RY`"\$M(&3D1-631D(2#(&/55"%&&%&(
-"2)"323&(B3-(5)#&5)#"<6-23#1(#\$(5JM(-2(&%"31%(IQK*(["%%(8-73.(V3#6(, %7*(MLRP(+%.(K*(533E(:LGKRY
HGQK\RP]IRMIJYQ*(\o.#Y\$3"&2(-/2)#"]*(10[E(G*RLR'("-1c%7(MM17(31(RQJ(X#/"1-6&(\RH*LPm)(#\$(.-2%D#"<(
S`+O@80`O=Oj h(Z(, SC4VO=0: , n(

RL] 9 /-1D(=*[*(+ #1D(h*(^ /(f*(=* (^ -1D(!* i *(a)#/(9*(Li T#(-17(=3/(='(:31#T%131%

M] +%B%6#5T%12(#\$(-(1%W(\$#"T /6-(#B%" .#T31D(2)<T /&(-2"#5)<(W32)(.#1.#T32-126<(%1)-1.%T%12(#\$(
-123Y31\$6- T T-2#"<(%\$\$\$.2(#\$(7%b-T%2)-%'(4 /&2"-63-1(011#B-23#1(!-2%12(` #*(MLRQRLIPKN(j "-12%7(#1(R(
, -<(MLRQ*(

I] +%B%6#5T%12(#\$(-(1%W(\$#"T /6-(#B%" .#T31D(2)<T /&(-2"#5)<(W32)(.#1.#T32-126<(%1)-1.%T%12(#\$(
-123Y31\$6- T T-2#"<(%\$\$\$.2(#\$(7%b-T%2)-%'(A:(A23632<(!-2%12(` #*(K'LRG'RKJN(j "-12%7(#1(MG(45"(MLRH*(

Q] 0?q/3"323D%131(&/55"%&&&&(&)/ T-1(C(6<T5)#.<2%(-.23B-23#1(B3-(2-"D%231D(#1(.&2%31%(QJ(#\$(0κVα(
; 31-&%(4 /&2"-63-1(011#B-23#1(!-2%12(` #*(MLRHLLJJMN(j "-12%7(#1(MG(, -<(MLRH*(

H] =3T#1#37&(\$#" (2"%-231D(-/2#3T T /1%(73&%-&*&*(4 /&2"-63-1(-46Tm7T 460mBT-0.0051(()-111(2)-1BT-0.000.0024 T