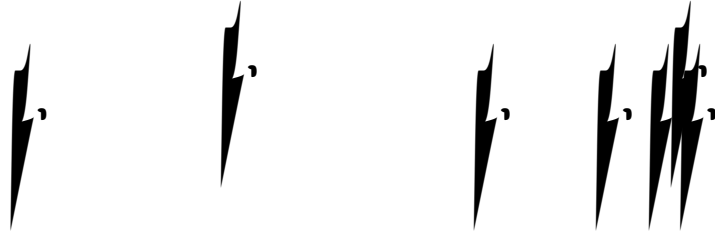


"
"
"
!"



G ad a e P og am G idelne



A S lemen he LSU G ad a e Ca al g e
In ended f U e b he De a men f Pa h bi l gical
Science (PBS) G ad a e S den and Fac l

2023 Re i i n b G ad a e P g am C mmi ee

A ed b PBS G ad a e Fac l n
Decembe 14, 2023

! "#\$%&' " (&)* +)#\$&, * -. * / * 0.1\$/21." (1"2)
21, * * /)* +)3 "&"%. (\$%4)' "! .1. (")
/ * 5.2.\$ (\$)2&\$&")5 (.3 "%2.&4)
- \$& * (% * 50 "6)/ * 5.2.\$ (\$)

"
>? !"#\$\$%&' " (&\$/)# ,./ * 2 * # , 4)* ()0%\$!5\$&)"!51\$&.* ("

!

* ,0+\$4,"*,"-#."=,1A)" +6"0'7%+)7A8A&A*9"@P]"#RK"!77+=A1*" @'1)" +6"E'7'10=,]"@'1)" +6"*,"/012\$1*"#=#,+ +&#
'*=?

D?D F, '#\$2)* '!#\$%&(\$)(*,-# ().)'\$#\$01 "

F, '7*\$2)*',17*," %0A(109"7%+)7A8A&A*9"6+0"*,"7\$== '77"+6",A7"+0",0"4012\$1*"#=#,+ +Ƒ\$2)*"
A7" 0'7%+)7A8&" 6+0" A)A*A1*A)4" =+)*A2)*7A69" 1" /EK" 1)2"*," ('(8'07" +6",A7',0" /13 " [+7" 1=12'(A=
A)*'0'7*7" 1)2" 0'7'10=," %0+401(7" =+A)=A2" [A*," *," 7*\$2)*a7" 4+1&7?" P^7," A7" 0'7%+)7A8&" 6+0" [0A*A)4" *,"

0'7%+)7A8A&A*9"6+0"%&1))A)4"*,"7*\$2)*a7%8\$29'6+0"(+)A*+0A)4"*,"7*\$2)*a7"%0+40'77"*,"0+\$4,"1**"%0+401(J"
1)2"6+0"2**0(A)A)4"[";0 "*, "7*\$2)*",17"(*", "7*1)21027"+6"*,"2%10*(*)"1)2"*,"\$)AG'07A*9"6+0"*,"
2'40"?5*A7*,"+8&A41*A+)"6"1=",'(8'0"+6"1"/13**+"A)7A7*+)"1)"12'S\$1*&9"2'7A4)2"1)2"0A4+0+\$7"%0+401("
6+0"*,"K#"1)2":,@"7*\$2)*? "
F,"('(8'07,A%"+6"*,"/!3"1)2"*,"#*\$29"%&1)"6+0"7*\$2)*7A)"8+*,"*,"K#"1)2":,@"%0+401(7"7,+&\$2"

D?Q /012\$1*

E'7A2')*7"10'")=+\$014'2"*+"X%&+0"1&&"", "+%*A+)7"1G1A&18&""*,0+\$4,"", "#=,++&"+6"R'0A)109"K'2A=A)"
8'6+0"=",++7A)4"*,'A0"4012\$1*""%0+401(? "<+&&+[A]0AG1&"1*"-#."7*\$2)*7"7,+&&2(""[A*,"1)2"2A7=\$77"*,"
4012\$1*""+%%+0*\$)A*A'7"1G1A&18&""[A*,"1=,"+6"*,"4012\$1*""61=\$&*9?A)":;#

>8) ' \$2&"%)* +)21." (1 ")! " 0%" ")! "#\$%&'(\$)(*+,-# 0. /)\$#\$01)

! F, ""K#" %0+401("A)::#" A7"2'7A4)'2"*+"6\$0*, '0"2'G'&+%*" , "7=A')*A6A="V)+[&'24'"1)2%0+8&'(7+&GA)'4
18A&A'A'7"+6" * , "7*\$2')*?" 5)" * ,A7" 2'40'" " %0+401(" 7*\$2')*7" 'X%1)2" * , 'A0" V)+[&'24'" +6" A)6'="A+\$7" +0" %1017A*A=" 2A7'17'7]"A((\$)+&+49]" "%A2'(A+&+49]" %1* , +&+49"1)2"0'&1*'2"7=A)'='7"* , 0+\$4, "12G1)='2"="+\$07'7"1)2"7'(A)107]" [,A&'&'10)A)4"*+"1%%&9"* , "7=A')*A6A="2"*+"* , "7*\$29"+6"1"7%="A6A="0'7'10=, "%0+8&'(?!" , 9%+* , "BA7'2" * , '7A7"+)" , "7*\$2')*b7"+0A4A)1&'0'7'10=, "A7"0'S\$A0'2?

>8?) /012\$1*' "#*\$2')* "T0A')*1*A+)

!&&"A)=+(A)4"K#"4012\$1*"7*\$2')*7'10"0'S\$A0'2"*+"1**')2"1)" +0A')*1*A+)"7'77A+)"F, A7"+0A')*1*A+)"[A&&" 8" , '&2"%0A+0"*+"7*10"*+"6"61&&'7'('7*0"=&177'7"H1"7%0A)4"7'('7*0"+0A')*1*A+)"="+\$&2"1&7+"8"7=, '2\$&'2]"A6")'2'2!?

Y L: #DYC" ;!,. +1+�??(&1#%0@0+3!4#?%,3!0&(" HC=0'2A*7I
L [:;#OYYC" 5%4(&*4!,#0"#-(44*4!,#5(&\$!0+.3.# %7#%.1#8%0.(# 1%#?(&1+%0C"=0'2A*7I
[:;#OYYC" ;!1\$%6(0+&#(&\$!0+.3.# %2#&1(+!"HC"=0'2A*7I
[L :;#OYYC" 5%4(&*4!,#(&\$!0+.3.# %B#,!4#1\$%6(0(.+" HC"=0'2A*7I
[L L: #OYYC" /01)*#C,+1+06"H "=0'2A*7I

<? K1XA(\$(" +6" N'7('7*0" ,+\$07" +6"*01)76'0" =0'2A**60+(" +*, '0"7=,++&7" 1)2`+0" =0'2A**1V')
[,A&" =&177A6A'2" 17" 1)" -#." 'X*)7A+)" +0")+(1 *0A=\$&1*A)4" 7*\$2)*" (19" 8" \$'2" A)" 1
(17*0 5" 2'40""%0+401(" A6" 1%%0+G'2" 89"*," /!3]" @P]" 1)2"*," @'1)" +6"*," /012\$1* '
#=#,++&?

>8;) #'(A)107

::#"4012\$1**7*\$2')*7"10"0'S\$A0'2"*+"1**!)2"1&&.:;# ^7%+)7+0'2'7'(A)107]"17"%+77A8&'?'30'2A**[A&&"8"
177A4)'2" 6+0"D'7('7*07"[A*,"=+)=\$00')**")0+&&(')"A":;#OYYO" =(3+0!,#=(,+(.#+0#;!1\$%<+%4%6+&!4#=#+(0&(.D#
5)"122A*A+)]"K#=#)2A21*7"10"0'S\$A0'2"*+%0'7')***[+"7'(A)107"*+*,"2'10*(')"*,"A0"*,'7A7"0'7'10=,?"
;+*, "7'(A)107"[A&&"8"1))+\$)=2"1)2" +%)**+"1&&.:;#"61=\$&*9"1)2"4012\$1**7*\$2')*7?"F,"A("1)2"21**"+6"

A)6+0("*,!/1)2"*;":;#" @P"A)"[0A*A)4?"F,A7"%0AGA&'4"=1))+"8"'X*')2'2"*+"1"7*\$2)*"[A*,+*\$"7\$==776\$&"
=+(%&'*A+)" +6"*[+"7('7*'07"A)"*, "4012\$1*" "%0+401(?

*,"/!3?"

@8:8) 3+\$07' "U+0V!"#\$%&(\$)(*+,-#(). (/)\$#'\$01

!!"

'X1(A)1*A+)"(19"X*)2"A)*+"7\$8_!="(1**0"0'&1*2"*+"+0"2A7*1)*"60+("*, "2A77'0*1*A+)?

F, "6A)1&"X1(A)1*A+)"(\$7*"8"12G'0*A7'2]"1)2'8+*, "*, "%0'7)*1*A+)"1)2"* , "+01&"X1(A)1*A+)"10"+%!)d"
, +['G'0]"*, "'G1&\$1*A+)"%+0*A+)"A7" =&+7'2]"1)2")4)(8'07" [A&&"8" 17V'2" *+" &'1G" * , " 0++(" 2\$0A)4" * , "
2A7=\$77A+)?"<1A&\$0"+6"* , "6A)1&"X1(A)1*A+)"0'S\$A0'7"(+0"* , 1)"+"2A77')*A)4"G+*? "

@8A8) @ \$01*A+)63+\$07' "+6#*\$29!"#%&(\$)(*+,# ().) '\$#\$01 (

5*"A7'0'="+((')2'2"* , 1*"6\$&&*A("": , @ "7*\$2')*7"="+(%&'*** , 'A0"7*\$29"%&1)"1)2"0'7'10=, "[A* , A)"6+\$0"*+"6AG"
1=12'(A="9'107"1)2"(\$7*"="+(%&'*** , 'A0": , @ "2'40""[A* , A)"7'G)"=1&)210'9'107"16*0" (1*0A=\$&1*A+)?#"*\$2')*7"
="+ (8A)A)4"1": , @ "A)": , #"[A* , "1"0'7A2')=9"%0+401("7, +\$&2"="+(%&'*** , 'A0"7*\$29"%&1)"1)2"0'7'10=, "[A* , A)"7AX"
1=12'(A="9'107?"BX*)7A+)"0'S\$7*7" (\$7*"4+ " * , 0+\$4, " * , " -#. " 4012\$1*"7=, ++&" [A* , " * , " 140'()"" +6" * , "
7*\$2')*b7"/EK"1)2"/!3? "

@8?P) :\$8&A=1*A+)'S\$A0'()*7 "6+0@A77'0*1*A'@'6')7' "

)
\$##" (!.Q)\$
!#\$%&{

\$\$\$ (!.Q) -6)JHKVKNGL)

FT ":EB:!EB "<TE "/E!@.!F5Te\ "

3PB3m "U5FP"FPB"/E!@.!FB" #3PTT-" <TE "@!FB#!e@ "F5KB#"T< "@B!@-5eB#\ "
@'12&A)'"6+0"1%%&A=1*A+)"6+0"2'40\"
@'12&A)'"6+0"0'S\$7*"6+0"6A)1&(A)1*A+)"
@'12&A)'"6+0"BX1(A)1*A+)"E'+0*"1)2"#\$8(A77A+)"6"!%%0+G'2"F,'7A7\"
/012\$1*A+)"

/E!@.!F5Te" 3PB3m-5#F\ "

_____ 3+(%&'*"="+\$07"[+0V"1)2"4'1*"1%%0+G1&"60+("/!3"1)2"*,"/012\$1*"#=#,++& "
_____ 3+(%&'*"0'7'10=,"%0+_='*"
_____ #'*21*"6+0"6A)1&"X1(A)1*A+)"[A*,"/!3"
_____ #'*21*"6+0"6A)1&"7'(A)10"[A*,";#'#(A)10"3++02A)1*+0'
_____ <A&'@884+&!1+%0#?%,#F(6;(!#,"/012\$1*"#=#,++& "
_____ <A&'!)*(.#?%,#G+0!4#9H!3#A*,"@P"1)2"*,"/012\$1*" #=#,++&"
_____ 3+(%&'*"',7A7"1)2"2A7*0A8\$*"'+("8'07"+6"/!3",0""["V7"8'6+0""X1(A)1*A+)" "
_____ :0'7)"F,'7A7"#'(A)10 "
_____ @'6)2"*,'7A7 "
_____ K1V' "1&,'7A7"="+00'=*A+)1)2"7\$8(A**,'7A7"1)2"-%33+11((#9H!3+0!1+%0(%%,1#+*,"
/012\$1*"#=#,++& "
_____ #\$8(A**[+" 8+\$)2"="+%A'7"+6"*,'7A7"*+";#"1)2"#RK"-A80109"

\$\$\$" (!.Q) 16)JHKVKNGL)

"
#BK5eIE# " :0'7)*'2" H21*7I\ " _____ d" _____ "
!ee.-"KBBF5e/#"U5FP"/!3\ " \$ _____ B\$\$ _____ B\$\$ _____ B\$\$ _____ \$ " "
!ee.- "KBBF5e/ "U5FP"/EK\ "5@:'E'GA[" _____ d" _____ d" _____ d" _____ "

FT ":EB:IEB "<TE "/E!@.!F5Te\ "

3PB3m "U5FP"FPB"/E!@.!FB "#3PTT- "<TE "@!FB# "le@ "F5KB#"T<"@B!@-5eB#"
@'12&A)"6+0"1%%&A=1*A+)"6+0"2'40\ " _____ "@'12&A)"6+0"0'S\$'7*"6+0"6A)1&"
'X1(A)1*A+)\ " _____ "
@'12&A)"6+0"BX1(A)1*A+)\ "E'+0*"1)2"7\$8(A77A+)\ "+6"!%0+G'2"@A77'0*1*A+)\ "
" _____ "/012\$1*A+)\ "
" _____ "

!

/E!@.!F5Te "3PB3m-5#F\ "
" _____ " 3+(%&'*"="+\$07"[+0V"1)2"4*"1%0+G1&"60+("/!3"1)2"*,"/012\$1*"#=",++& "
" _____ " 3+(%&'*"0'7'10=,%0+_'=" "
" _____ " #'*21*"6+0"6A)1&"X1(A)1*A+)\ "[A*,"/!3"
" _____ " #'*21*"6+0"6A)1&"7'(A)10"[A*,";##'(A)10"3++02A)1*+0'
" _____ " <A&@884+&!1+%0#?%,#F(6;(!#,"/012\$1*"#=",++& "
" _____ " <A&'!)*(1#?%,#G+0!4#9H!3#A*," @P"1)2"*,"/012\$1*"#=",++& "
" _____ " 3+(%&'*"2A77'0*1*A+)\ "1)2"2A7*0A8\$*"+('(!'07"+6"/!3"*,"0"[V7"8'6+0"
'X1(A)1*A+)\ "
" _____ " :0'7)*"@A77'0*1*A+)\ "#(A)10 "
" _____ " @'6')2"2A77'0*1*A+)\ "
" _____ " K1V"1&&"2A77'0*1*A+)\ "="+00'="A+)7
" _____ " #\$8(A*"2A77'0*1*A+)\ "1)2%33+11((#9H!3+0!1+%0#(8%,1#*,"/012\$1*"#=",++& "
" _____ " #\$8(A*"+ "8+\$)2 "="+%A'7-6*," 2A77'0*1*A+)\ "":# "

1)2 "#RK "-A8010""

"
"
"

"

\$\$\$ " (!.Q)!X)+ *% ' 2)

!

F, "=\$00')*"G'07A+)"6"*,"6+&&+[A]4"6+0(7"0'6'00'2"*+"A)"*, "3,'=V&A7*7"H!%%%;ZAZ"3 I"
7,+\$&2"8"1G1A&18&"+"*,"-#. "1)2":;#"[87A*7"+0"60+("*, "":;#"2'0%10*(")*1&"7'=0*109"+0"
, "/012\$1"#"#=#,++&? "

\$

>? ')*(.1 #°%5! .1(P.

