

Fibroblast-Based Comparative Physiology: A Novel Approach in Health Care Research

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Mechanistic reviews of approaches that underlie organism-level physiology regularly require reductionist approaches. Dermal fbroblasts of er one such approach. These cells are without problems acquired from minimally

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F, b, b, a l a, a, a, b, , aj _ M • A a. • a 🔺 9. a , a . Mb. . 9. l. e, a. b a, ", –•, • 4 4 Ь , a. . a. . . . a, 🖊 a. 🔺 a. ... ▲ a, , · A, any m a. aj a___ 1 • **4** a ъ , .a a, a, 🖊 1 a qa. .• . **!** • ^j • **!**, • , д а. , a, A, 9 a 🖌 💶 🕯 11. ,• ∧' B. Lby blarry , . . . -1 _ M . A a, 411 • a 1 . • • • • a, a, a, . • • -- 1 a, •, _a, b, 、, , a, • 11 1_ a ٩. • "••,•, <u>–</u>a , A. JAC a, _ • b, a, a 1.0 $, 4 \wedge .$ Lbi b. a $\wedge a_1 + e_1 e_1 a_1 + a_1 +$, • • • , • 4 ... • .. 10 - · ^ ,, , a, , a, , , a a a a a · A.a. -14 11 ,4,^b • -• A4 A aqu qu a a •• > . а, •, _ F,b; b,a~ a, h a,⊿a, • .• . • • • . 1 . • a._ 3 11 1 , 1 a1 A. U_, 1 , Lb b.a. a-1,-4, -a-4, -4, --- (a, ----,L 1 1 A a.v ¶e a∎ ,4 a4 • An 14 ۱ a, b a a, 1 4,. 11.1 173 a, Aa 7 <a l _a, . _, a, _ . A. 4. a, £ a. ٩., ~ + A the blacks **, ۹** ۹, М 🐅 aj a___i , • • , _ ,4 a4 , a a . a . a . a . a ,411, a, •• • a, • • • • • • • • • • • • •,__ •• • , a.t. • .• .

a ab. W .. Lb bar • • ₩**4**, **-4**, -1 · 11, -1a. ·z 90 90 a ، به ا • > . - -- . •, a, A A , A ,a. -----• 1 9 • 77 11 a, 19a - 14 94 . R 1 a , • • 1 ,a "**±**¶•… х 11 1 1 Lb b.a. ,•• ale . **_ ! ! _** a, ۲, 11 b a • a, ▰ 11 · > 4 Lby b.arr. aj a____ **A**11/ + / a**, ,** .a. R. 1 a . . . a. _ . a. , 4 • 9 au , 4 11 -Т а a**, ,** a, ×у∎, ٩ ,a. a ٩ aļe a 🖌 an a, Aa ۹₁ • a.a ٩. . . а, 11 b**,, ,**,, a _ia, •, h a AA to A a 11 L a a a a a , a , a , a , Lb barr . , , a, , a _ _ _ 🖌 a, a/ 4 a. / 9. 90 1 + 10,0,40 Т Т " **4**, . . . A y ^a, w • _a,• • • a a a · a, a., ίη_η a x1^a, , •94a, , · · x4, · x a · 44. • • [6-10].

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Lb, b, a. a a I, 1 × 4 12 - - + 11/ a a___e -34 VA • • • a a ab• a , a a a, •••, •, <u>-</u>a b, , **a** a, . • • **A A**, ,**4** a**4** • , a, , A, a, 3.11/ 6 Lb, b.a. ,44,b , * + • _V ,• **≠** ∳• a ۹, a, A 1 9 . • 19 1 a . • 9 4 . - a • 14, be 11 • ¹ • • • <u>,</u> • <u>, -</u>a are a. B a, Lb, b, a. 1 Т 49.0 a, A 4 1 a , 4 4 a, a, a, . _______ • • • • a, b, a, • a, , e, e el que Ma, a q M _ 1 Lbi bann ,La, •. aja___e • > "Ą, – a , a **4**._a__ ··· . a, , a / a/ a, , , , , , , , D, / a/ e a. • Lby b.a.A. abe 90 4 ay . 9 4 _ 4 **** ¶ , a a a **'n**, +, -, a, +, a, -, -, a, , -, -, ۸. ,L .• a_ • ▲ a, A 90 0 a . 1 • • , ,,• a 114 , a. • • a,• A • • All **, ۹۵**, ۱ 1 71 ab q a a b q a b a b a b a-• • • <u>|</u> •• a, 1, 1, a, a, e, e, -, b, • , a.,• *4* a; , a, a• > 1 **ا**• 1 . 11/ a, 🎝 -•v•∝-b_{n/} - 11 161 1.1.1.

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