ꯑꯦꯗꯤꯇꯣꯔꯤꯌꯦꯜ IMPHAL, WEDNESDAY, NOVEMBER 10, 2021 ꯌꯨꯝꯁꯀꯩꯁ, ꯍꯤꯌꯥꯡꯒꯩꯒꯤ 6ꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3419 obT\ꯂꯩ ꯃꯀꯩꯋ꯭ꯀ 2 HUEIYEN LANPAO

ꯄꯥꯎꯆꯦ ꯑꯁꯤꯗ ꯐꯣꯡꯖꯔꯤꯕ ꯋꯥꯔꯦꯡꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜ, ꯃꯤꯠꯌꯦꯡ ꯑꯏꯕ ꯃꯁꯥ ꯃꯁꯥꯒꯤꯅꯤ꯫ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜꯂꯣꯟ ꯑꯃꯁꯨꯡ ꯃꯤꯠꯌꯦꯡꯒ ꯊꯣꯏꯗꯣꯛꯅ ꯃꯔꯤ ꯂꯩꯅꯗꯦ꯫

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
ꯌꯨꯝꯁꯀꯩꯁ, ꯅꯚꯦꯝꯕꯔ 10, 2021, ꯏꯝꯐꯥꯜ
13 ꯁꯨꯕ ꯆꯍꯤ, 204 ꯁꯨꯕ ꯃꯁꯤꯡ
ꯀꯣꯚꯤꯗ ꯚꯦꯛꯁꯤꯅꯦꯁꯟꯒꯤ ꯊꯕꯛ
ꯀꯣꯟꯖꯦꯡ ꯀꯣꯛꯐꯥꯏꯒꯤ ꯊꯧꯗꯧ ꯇꯥꯍꯟꯒꯅꯨ
ꯃꯥꯂꯦꯝꯒꯤ ꯃꯤꯑꯣꯏꯕ ꯈꯨꯟꯅꯥꯏꯒꯤ ꯌꯦꯛꯅꯕ ꯑꯣꯏꯔꯤꯕ ꯀꯣꯚꯤꯗ-19
ꯄꯦꯟꯗꯃꯤꯛ ꯃꯥꯌꯣꯛꯅꯅꯕ ꯁ꯭ꯇꯦꯠ ꯒꯚꯔꯟꯃꯦꯟꯠꯅ ꯑꯉꯝꯕ ꯄꯥꯝꯕꯩꯁꯤꯡ
ꯄꯨꯊꯣꯛꯇꯨꯅ ꯍꯣꯠꯅꯔꯤ꯫ ꯄꯥꯝꯕꯩꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯃꯅꯨꯡꯗ ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕꯒꯤ
ꯑꯣꯏꯅ ꯇꯝꯊꯤꯔꯕ ꯂꯥꯏꯅꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤ ꯑꯃꯠꯇ ꯉꯥꯏꯔꯕ
ꯄꯥꯝꯕꯩ ꯑꯣꯏꯔꯤꯕ ꯀꯣꯚꯤꯗ ꯚꯦꯛꯁꯤꯟ ꯀꯥꯞꯊꯣꯛꯄꯒꯤ ꯊꯕꯛ ꯂꯦꯞꯇꯅ
ꯆꯠꯊꯔꯤ꯫ ꯀꯅꯥꯒꯨꯝꯕ ꯀꯣꯚꯤꯗ ꯄꯣꯖꯤꯇꯤꯚ ꯑꯣꯏꯔꯕ ꯃꯤꯑꯣꯏ ꯑꯃꯗ ꯀꯣ-
ꯃꯣꯔꯕꯤꯗꯤꯇꯤꯖꯕꯨ ꯊꯣꯛꯍꯜꯂꯕꯗꯤ ꯃꯍꯥꯛꯀꯤ ꯊꯋꯥꯏ ꯀꯜꯍꯧꯕ ꯉꯝꯗ꯭ꯔꯤ꯫
ꯃꯁꯤꯒꯤ ꯃꯊꯛꯇ ꯇꯉꯥꯏꯐꯗ꯭ꯔꯕ ꯑꯃꯁꯨꯡ ꯑꯃꯠꯇ ꯉꯥꯏꯔꯕ ꯄꯥꯝꯕꯩꯅꯤ
ꯍꯥꯏꯔꯤꯕ ꯀꯣꯚꯤꯗ ꯚꯦꯛꯁꯤꯟꯒꯤ ꯑꯍꯥꯟꯕ ꯑꯃꯁꯨꯡ ꯑꯅꯤꯁꯨꯕ ꯗꯣꯖꯒꯤ ꯍꯤꯗꯥꯛ
ꯀꯥꯞꯊꯣꯛꯂꯕ ꯃꯤꯑꯣꯏꯗꯁꯨ ꯄꯣꯖꯤꯇꯤꯚ ꯑꯣꯏꯔꯛꯍꯟꯕꯒꯤ ꯊꯧꯗꯣꯛ ꯊꯣꯛꯂꯤ꯫
ꯗꯣꯖ ꯑꯅꯤꯃꯛ ꯁꯨꯅ ꯀꯥꯞꯊꯣꯛꯂꯕ ꯃꯤꯑꯣꯏꯁꯤꯡꯗꯁꯨ ꯍꯥꯏꯔꯤꯕ ꯊꯧꯗꯣꯛꯁꯤ
ꯊꯣꯛꯂꯤ꯫ ꯄꯨꯝꯅꯃꯛꯁꯤ ꯑꯣꯏꯔꯒꯁꯨ ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕꯒꯤ ꯑꯣꯏꯅ ꯂꯥꯏꯅꯥꯁꯤꯕꯨ
ꯃꯔꯨ ꯐꯪꯅ ꯃꯨꯠꯊꯠꯄ ꯉꯝꯕ ꯍꯤꯗꯥꯛ ꯂꯩꯇ꯭ꯔꯤꯕꯅ ꯃꯁꯤꯅ ꯅꯥꯔꯛꯍꯟꯗꯅꯕ,
ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤ ꯑꯃꯠꯇ ꯉꯥꯏꯔꯕ ꯊꯕꯛꯇꯤ ꯚꯦꯛꯁꯤꯅꯦꯁꯟ ꯇꯧꯊꯣꯛꯄ, ꯗꯣꯖ
ꯃꯁꯤꯡ ꯁꯨꯅ ꯀꯥꯞꯊꯣꯛꯄꯅ ꯑꯣꯏꯔꯤ꯫ ꯃꯁꯤꯃꯛꯅ ꯂꯩꯉꯥꯛꯅ, ꯁꯤꯚꯤꯜ ꯁꯣꯁꯥꯏꯇꯤ
ꯑꯣꯔꯒꯅꯥꯏꯖꯦꯁꯟꯁꯤꯡꯅ, ꯂꯣꯀꯜ ꯁꯦꯜꯐ ꯒꯚꯔꯟꯃꯦꯟꯠꯁꯤꯡꯒꯤ ꯏꯂꯦꯛꯇꯦꯗ
ꯃꯦꯝꯕꯔꯁꯤꯡꯅ ꯑꯦꯝ ꯑꯦꯜ ꯑꯦ ꯑꯃꯁꯨꯡ ꯃꯤꯅꯤꯁꯇꯔꯁꯤꯡ ꯐꯥꯎꯕꯅ ꯊꯋꯥꯏ
ꯌꯥꯎꯅ ꯍꯣꯠꯅꯗꯨꯅ ꯃꯤꯄꯨꯝ ꯇꯤꯡꯅ ꯀꯣꯚꯤꯗ ꯚꯦꯛꯁꯤꯟ ꯀꯥꯞꯊꯣꯛꯅꯕꯒꯤ
ꯊꯕꯛꯁꯤꯡ ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕꯗ ꯂꯦꯞꯇꯅ ꯆꯠꯊꯔꯤ꯫ ꯂꯩꯉꯥꯛꯀꯤ ꯃꯥꯏꯀꯩꯗꯒꯤꯁꯨ
ꯃꯁꯤꯒꯤꯗꯃꯛ ꯂꯧꯈꯠꯂꯛꯂꯤꯕ ꯊꯕꯛ-ꯊꯧꯔꯝꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯌꯨꯝꯊꯣꯡ ꯌꯩꯅ
ꯆꯠꯇꯨꯅ ‘ꯗꯣꯔ ꯇꯨ ꯗꯣꯔ’ ꯒꯤ ꯑꯣꯏꯅ ꯍꯤꯗꯥꯛ ꯀꯥꯞꯊꯣꯛꯄꯒꯤ ꯊꯕꯛ ꯄꯥꯏꯈꯠꯂꯤ꯫
ꯃꯐꯝ ꯈꯨꯗꯤꯡ ꯁꯤꯟꯕ ꯊꯨꯡꯅ ꯆꯠꯇꯨꯅ ꯍꯤꯗꯥꯛ ꯀꯥꯞꯊꯣꯛꯄ ꯉꯝꯅꯕꯒꯤꯗꯃꯛ
ꯚꯦꯛꯁꯤꯅꯦꯁꯟ ꯑꯦꯛꯄ꯭ꯔꯦꯁꯀꯤ ꯒꯥꯔꯤꯁꯤꯡ ꯗꯤꯁꯇ꯭ꯔꯤꯛꯠꯁꯤꯡꯗ
ꯌꯦꯟꯊꯣꯛꯈ꯭ꯔꯦ꯫ ꯀꯔꯐꯤꯌꯨꯒꯤ ꯑꯀꯟꯕ ꯑꯊꯤꯡꯕ ꯂꯩꯔꯤꯉꯩꯗꯁꯨ ꯑꯊꯤꯡꯕꯁꯤꯕꯨ
ꯊꯨꯒꯥꯏꯔꯛꯄ ꯃꯤꯑꯣꯏꯁꯤꯡ ꯀꯣꯚꯤꯗ-19ꯒꯤ ꯇꯦꯁꯠ ꯇꯧꯗꯨꯅ ꯄꯣꯖꯤꯇꯤꯚ ꯑꯣꯏꯕ
ꯌꯥꯎꯔꯝꯂꯒꯅ ꯀꯣꯚꯤꯗ ꯀ꯭ꯌꯦꯔ ꯁꯦꯟꯇꯔ, ꯀꯝꯃ꯭ꯌꯨꯅꯤꯇꯤ ꯍꯣꯝ ꯑꯥꯏꯁꯣꯂꯦꯁꯟ
ꯁꯦꯟꯇꯔꯅꯆꯤꯡꯕꯗ ꯊꯝꯕꯒ ꯂꯣꯏꯅꯅ ꯀꯣꯚꯤꯗ ꯚꯦꯛꯁꯤꯟ ꯀꯥꯞꯊꯣꯛꯅꯕꯒꯤ
ꯊꯕꯛꯁꯤꯡ ꯐꯥꯎꯕ ꯂꯧꯈꯠꯈ꯭ꯔꯦ꯫ ꯏꯀꯨꯏ ꯀꯨꯏꯗ꯭ꯔꯤꯉꯩꯒꯤ ꯃꯃꯥꯡꯗ ꯗꯤꯁꯇ꯭ꯔꯤꯛꯠ
ꯑꯦꯗꯃꯤꯅꯤꯁꯇ꯭ꯔꯦꯁꯟ, ꯏꯃꯐꯥꯜ ꯋꯦꯁꯠꯅ ꯇꯣꯉꯥꯟ ꯇꯣꯉꯥꯟꯕ ꯄ꯭ꯔꯥꯏꯖꯁꯤꯡ
ꯊꯝꯗꯨꯅ ꯀꯣꯚꯤꯗ ꯚꯦꯛꯁꯤꯅꯦꯁꯟꯒꯤ ꯗ꯭ꯔꯥꯏꯚ ꯐꯥꯎꯕ ꯆꯠꯊꯈ꯭ꯔꯦ꯫
ꯄꯨꯝꯅꯃꯛꯁꯤ ꯀꯣꯚꯤꯗ ꯚꯦꯛꯁꯤꯟꯒꯤ ꯑꯍꯥꯟꯕ ꯗꯣꯖ ꯀꯥꯞꯊꯣꯛꯂꯕꯁꯨ,
ꯑꯅꯤꯁꯨꯕ ꯗꯣꯖ ꯌꯥꯎꯅ ꯃꯁꯤꯡ ꯁꯨꯅꯕ ꯀꯥꯞꯂꯕꯁꯨ ꯄꯣꯖꯤꯇꯤꯚ ꯑꯣꯏꯕ ꯌꯥꯎꯔꯛꯏ,
ꯀꯣ-ꯃꯣꯔꯕꯤꯗꯤꯇꯤꯖ ꯊꯣꯛꯍꯟꯗꯨꯅ ꯑꯁꯤꯕ ꯌꯥꯎꯔꯛꯂꯒꯁꯨ ꯑꯃꯠꯇ ꯉꯥꯏꯔꯕ
ꯄꯥꯝꯕꯩ ꯑꯣꯏꯔꯤꯕꯅ ꯇꯉꯥꯏꯐꯗꯅ ꯇꯧꯗꯕ ꯌꯥꯗꯕꯗꯒꯤ ꯇꯧꯔꯛꯂꯤꯕꯅꯤ꯫ ꯇꯧꯐꯝꯁꯨ
ꯊꯣꯛꯏ, ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕꯒꯤ ꯑꯃꯠꯇ ꯉꯥꯏꯔꯕ ꯄꯥꯝꯕꯩ ꯚꯦꯛꯁꯤꯅꯦꯁꯟ ꯇꯧꯊꯣꯛꯄꯅ
ꯑꯣꯏꯔꯤꯕꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕꯗ ꯍꯤꯗꯥꯛ ꯑꯁꯤꯕꯨ ꯀꯥꯞꯊꯣꯛꯄ ꯌꯥꯔꯕ
ꯃꯅꯤꯄꯨꯔꯒꯤ ꯃꯤꯑꯣꯏꯁꯤꯡ ꯃꯁꯤꯡ ꯁꯨꯅ, ꯁꯤꯠ-ꯅꯥꯟꯅ ꯍꯤꯗꯥꯛ ꯀꯥꯞꯊꯣꯛꯄ
ꯉꯝꯗ꯭ꯔꯤꯕ ꯀꯔꯤꯒꯤꯅꯣ? ꯍꯤꯗꯥꯛ ꯀꯥꯞꯊꯣꯛꯄꯅ ꯂꯥꯏꯅꯥꯁꯤꯗꯒꯤ ꯉꯥꯊꯣꯛꯅꯕ
ꯑꯃꯠꯇ ꯉꯥꯏꯔꯕ ꯄꯥꯝꯕꯩ ꯑꯣꯏꯔꯤꯕꯁꯤꯒꯤ ꯃꯊꯛꯇ ꯃꯅꯤꯄꯨꯔꯒꯤꯗꯤ ꯃꯥꯔꯆ
19, 2022ꯒꯤ ꯃꯃꯥꯡꯗ 12ꯁꯨꯕ ꯃꯅꯤꯄꯨꯔ ꯁ꯭ꯇꯦꯠ ꯑꯦꯁꯦꯝꯕ꯭ꯂꯤꯒꯤ ꯃꯤꯈꯜ
ꯁꯣꯏꯗꯅ ꯄꯥꯡꯊꯣꯛꯂꯒꯗꯕꯅ ꯃꯤꯈꯜꯁꯤꯒꯤ ꯑꯀꯟꯕ ꯀꯦꯝꯄ꯭ꯌꯦꯟ ꯃꯐꯝ
ꯀꯌꯥꯗ ꯆꯠꯊꯅꯔꯛꯂꯤꯕꯅꯤ꯫ ꯏꯂꯦꯛꯁꯟꯁꯤꯒ ꯃꯔꯤ ꯂꯩꯅꯕ ꯊꯧꯔꯝ ꯀꯌꯥ
ꯄꯥꯡꯊꯣꯛꯅꯔꯛꯂꯤꯕꯅꯤ꯫ ꯑꯗꯨꯒ ꯍꯥꯏꯔꯤꯕꯁꯤꯡ ꯑꯁꯤꯗꯤ ꯃꯤ ꯑꯅꯤꯃꯔꯤꯈꯛ
ꯇꯤꯟꯕ ꯊꯧꯔꯝꯁꯤꯡ ꯑꯣꯏꯗꯕꯅ ꯀꯣꯚꯤꯗ-19ꯒꯤ ꯆꯦꯛꯁꯤꯟꯅ ꯉꯥꯛꯇꯨꯅ ꯆꯠꯀꯗꯕ
ꯀꯣꯚꯤꯗ ꯑꯦꯄ꯭ꯔꯣꯄ꯭ꯔꯤꯑꯦꯠ ꯕꯦꯍꯦꯕꯤꯌꯔꯁꯤꯡꯒꯤ ꯃꯥꯌꯣꯛꯇꯅꯤ꯫ ꯂꯩꯉꯥꯛꯅ
ꯄꯤꯔꯤꯕ ꯁ꯭ꯇꯦꯟꯗꯥꯔꯗ ꯑꯣꯄꯔꯦꯁꯅꯦꯜ ꯄ꯭ꯔꯣꯁꯤꯖꯔ (ꯑꯦꯁ ꯑꯣ ꯄꯤ) ꯁꯤꯡꯒꯤ
ꯑꯣꯟꯅ-ꯇꯩꯅꯕꯁꯤꯡꯅꯤ꯫ ꯃꯔꯝꯗꯤ ꯀꯣꯚꯤꯗ ꯑꯦꯄ꯭ꯔꯣꯄ꯭ꯔꯤꯑꯦꯠ ꯕꯤꯍꯦꯚꯤꯌꯔ
ꯑꯃꯁꯨꯡ ꯑꯦꯁ ꯑꯣ ꯄꯤꯁꯤꯡꯗ ꯃꯤ ꯑꯃꯒ ꯑꯃꯒꯒꯤ ꯃꯔꯛꯇ ꯐꯨꯠ 6ꯒꯤ
ꯁꯣꯁꯜ ꯗꯤꯁꯇꯦꯟꯁꯤꯡ ꯊꯝꯃꯨ ꯍꯥꯏꯔꯤꯕꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯂꯩꯉꯥꯛꯀꯤ ꯃꯥꯏꯀꯩꯗꯒꯤ
ꯑꯀꯟꯕ ꯆꯦꯛꯁꯤꯟ ꯋꯥꯁꯤꯡꯁꯤ ꯍꯥꯏꯖꯔꯒꯁꯨ, ꯀꯅꯥꯃꯠꯇꯅ ꯀꯣꯚꯤꯗ-19
ꯄꯣꯖꯤꯇꯤꯚ ꯑꯣꯏꯕ ꯄꯥꯝꯅꯗ꯭ꯔꯕꯁꯨ ꯏꯂꯦꯛꯁꯟꯒ ꯃꯔꯤ ꯂꯩꯅꯕ ꯀꯦꯝꯄ꯭ꯌꯦꯟꯁꯤꯡ
ꯑꯁꯤ ꯅꯣꯡꯃ-ꯅꯣꯡꯃꯒꯤ ꯀꯟꯈꯠꯅꯔꯛꯂꯤ꯫ ꯃꯁꯤ ꯑꯣꯏꯔꯒꯗꯤ ꯀꯣꯚꯤꯗ
ꯚꯦꯛꯁꯤꯅꯦꯁꯟꯒꯤ ꯊꯕꯛꯁꯤ ꯍꯧꯖꯤꯛ ꯂꯦꯞꯇꯅ ꯆꯠꯊꯔꯛꯂꯤꯕ ꯑꯁꯤꯒꯤ
ꯆꯥꯡꯗꯒꯤ ꯈꯣꯡꯖꯦꯜ ꯈꯖꯤꯛꯇꯪ ꯌꯥꯡꯁꯤꯟꯕ ꯆꯨꯝꯂꯣꯏꯗ꯭ꯔꯥ ꯍꯥꯏꯕꯅꯤ꯫ ꯃꯔꯝꯗꯤ
ꯅꯚꯦꯝꯕꯔ 7, 2021 ꯐꯥꯎꯕꯗ ꯑꯄꯨꯟꯕ ꯍꯤꯗꯥꯛ ꯀꯥꯞꯊꯣꯛꯈ꯭ꯔꯕ ꯃꯤꯑꯣꯏꯁꯤꯡꯒꯤ
ꯃꯁꯤꯡ 20,07,056 ꯁꯨꯈ꯭ꯔꯕꯁꯨ ꯃꯁꯤꯒꯤ ꯃꯅꯨꯡꯗ ꯑꯍꯥꯟꯕ ꯗꯣꯖ ꯀꯥꯞꯂꯕ
ꯃꯤꯑꯣꯏꯁꯤꯡꯒꯤ ꯃꯁꯤꯡꯅ 12,53,298 ꯈꯛꯇꯅꯤ꯫ ꯑꯗꯨꯒ ꯁꯦꯀꯦꯟꯗ ꯗꯣꯖ
ꯀꯥꯞꯂꯕ ꯃꯤꯑꯣꯏꯁꯤꯡꯒꯤ ꯃꯁꯤꯡꯅ 7,53,758 ꯈꯛꯇ ꯑꯣꯏꯔꯤ꯫ ꯍꯥꯏꯕꯗꯤ
ꯅꯨꯃꯤꯠꯁꯤ ꯐꯥꯎꯕꯗ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯑꯣꯏꯅ ꯀꯣꯚꯤꯗ ꯚꯦꯛꯁꯤꯟ ꯀꯥꯞꯊꯣꯛꯂꯕ
ꯑꯄꯨꯟꯕ ꯃꯤꯑꯣꯏꯁꯤꯡꯒꯤ ꯐꯔꯁꯠ ꯗꯣꯖꯒꯤꯅ ꯆꯥꯗ 53.54 ꯈꯛꯇꯃꯛ
ꯑꯣꯏꯔꯤ꯫ ꯁꯦꯀꯦꯟꯗ ꯗꯣꯖ ꯀꯥꯞꯊꯣꯛꯂꯕꯁꯤꯡꯒꯤ ꯃꯁꯤꯡꯅ ꯆꯥꯗ 32.20
ꯈꯛꯇꯃꯛ ꯑꯣꯏꯔꯤ꯫ ꯃꯁꯤꯗꯤ ꯄꯦꯟꯅꯤꯡꯉꯥꯏ ꯑꯣꯏꯕ ꯄꯨꯛꯅꯤꯡ ꯂꯨꯝꯅꯤꯡꯉꯥꯏ
ꯑꯣꯏꯔꯕ ꯆꯥꯡ ꯌꯧꯔꯦ ꯍꯥꯏꯅ ꯂꯧꯕ ꯌꯥꯗ꯭ꯔꯤ꯫ ꯄꯟꯊꯗꯅ ꯆꯥꯝꯃꯗ ꯆꯥꯝꯃ ꯍꯤꯗꯥꯛ
ꯀꯥꯞꯊꯣꯛꯍꯧꯕꯒꯤ ꯇꯉꯥꯏꯐꯗꯕ ꯂꯩꯔꯤ꯫ ꯀꯣꯟꯖꯦꯡ ꯀꯣꯛꯐꯥꯏꯅ ꯅꯣꯝꯈꯩ ꯅꯣꯝꯂꯒ
ꯃꯅꯪꯒꯜꯗ ꯃꯔꯨꯝ ꯄꯨꯏ ꯍꯥꯏꯕꯒꯤ ꯊꯧꯗꯧ ꯇꯥꯍꯟꯕ ꯆꯨꯝꯂꯣꯏ꯫

ꯌꯨ ꯌꯥꯝꯅ ꯊꯛꯄꯁꯤꯡꯗ ꯇꯣꯏꯅ ꯅꯥꯒꯟꯕ ꯂꯥꯏꯅꯥꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯐꯦꯠꯇꯤ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖ (ꯂꯤꯚꯔ ꯁꯦꯜꯁꯤꯡꯗ ꯐꯦꯠ ꯌꯥꯝꯅ ꯇꯨꯡꯁꯤꯜꯂꯛꯄ) ꯍꯥꯏꯕꯁꯤꯁꯨ ꯑꯃꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯌꯨ ꯁꯨꯛꯊꯛ ꯊꯛꯇꯕ ꯅꯠꯇ꯭ꯔꯒ ꯈꯖꯤꯛ-ꯈꯖꯤꯛꯇꯪ ꯊꯛꯄ ꯃꯤꯑꯣꯏꯁꯤꯡꯗꯁꯨ ꯂꯥꯏꯅꯥꯁꯤꯅ ꯅꯥꯍꯜꯂꯤ꯫ ꯑꯁꯤꯒꯨꯝꯕ ꯂꯥꯏꯅꯥꯁꯤꯕꯨ ꯅꯣꯟꯑꯜꯀꯍꯣꯂꯤꯛ ꯐꯦꯠꯇꯤ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖ (ꯑꯦꯟ ꯑꯦ ꯑꯦꯐ ꯑꯦꯜ ꯗꯤ) ꯍꯥꯏꯅ ꯈꯪꯅꯩ꯫ ꯑꯦꯟ ꯑꯦ ꯑꯦꯐ ꯑꯦꯜ ꯗꯤ ꯑꯁꯤ ꯃꯥꯂꯦꯝꯗ ꯃꯔꯨ ꯑꯣꯏꯅ ꯅꯣꯡꯆꯨꯞꯂꯣꯝꯒꯤ ꯂꯩꯕꯥꯛꯁꯤꯡꯗ ꯇꯣꯏꯅ ꯅꯥꯔꯛꯂꯤꯕ ꯂꯥꯏꯅꯥ ꯑꯃꯅꯤ꯫ ꯀ꯭ꯔꯣꯅꯤꯜ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯇꯣꯏꯅ ꯊꯦꯡꯅꯕ ꯂꯥꯏꯅꯥ ꯑꯃ ꯑꯣꯏꯅ ꯌꯨꯅꯥꯏꯇꯦꯗ ꯁ꯭ꯇꯦꯠꯁꯀꯤ ꯃꯤꯁꯤꯡꯒꯤ ꯃꯔꯤ ꯊꯣꯛꯄꯒꯤ ꯑꯃꯗ ꯂꯥꯏꯅꯥꯁꯤꯅ ꯅꯥꯍꯜꯂꯤ ꯍꯥꯏꯔꯤ꯫ ꯑꯦꯟ ꯑꯦ ꯑꯦꯐ ꯑꯦꯜ ꯗꯤꯅ ꯅꯥꯔꯕ ꯃꯤ ꯈꯔꯗꯗꯤ ꯂꯤꯚꯔ ꯏꯟꯐ꯭ꯂꯦꯃꯦꯁꯟ ꯊꯣꯛꯍꯟꯗꯨꯅ ꯁꯤꯔꯣꯁꯤꯁ ꯑꯃꯁꯨꯡ ꯂꯤꯚꯔ ꯐꯦꯜꯂꯔ ꯑꯣꯏꯍꯜꯂꯛꯄ ꯉꯝꯕ, ꯅꯣꯟꯑꯜꯀꯣꯍꯣꯂꯤꯛ ꯁ꯭ꯇꯤꯇꯣꯍꯤꯞꯇꯥꯏꯇꯤꯁ (ꯑꯦꯟ ꯑꯦ ꯑꯦꯁ ꯑꯩꯆ) ꯅ ꯅꯥꯔꯛꯏ꯫ ꯃꯁꯤ ꯌꯨ ꯌꯥꯝꯅ ꯊꯛꯄꯁꯤꯡꯅ ꯅꯥꯔꯛꯄ ꯃꯇꯝꯗ ꯁꯣꯛꯄꯒꯤ ꯆꯥꯡꯗꯨꯒ ꯃꯥꯟꯅꯩ ꯍꯥꯏꯅ ꯑꯈꯪ-ꯑꯍꯩꯁꯤꯡꯅ ꯐꯣꯡꯗꯣꯛꯂꯤ꯫ ꯑꯦꯟ ꯑꯦ ꯑꯦꯐ ꯑꯦꯜ ꯗꯤ ꯑꯃꯁꯨꯡ ꯑꯦꯟ ꯑꯦ ꯑꯦꯁ ꯑꯩꯆ ꯑꯁꯤ ꯌꯨ ꯊꯛꯇꯕ ꯃꯤꯁꯤꯡꯗ ꯀꯔꯝꯅ ꯅꯥꯔꯛꯂꯤꯕꯅꯣ ꯍꯥꯏꯕꯒꯤ ꯆꯞ ꯆꯥꯕ ꯃꯔꯝ ꯈꯪꯗ꯭ꯔꯕꯁꯨ ꯂꯥꯏꯅꯥꯁꯤꯡꯁꯤ ꯀꯥ ꯍꯦꯟꯅ ꯅꯣꯏꯕ (ꯑꯣꯕꯦꯁꯤꯇꯤ), ꯏꯟꯁꯨꯂꯤꯟ ꯔꯦꯖꯤꯁꯇꯦꯟꯁ (ꯁꯦꯜꯁꯤꯡꯅ ꯍꯣꯔꯃꯣꯟ ꯏꯟꯁꯨꯂꯤꯟꯗ ꯄꯥꯎꯈꯨꯝ ꯄꯤꯕ ꯑꯣꯏꯅ ꯆꯤꯅꯤ ꯂꯧꯁꯤꯟꯕ ꯉꯝꯗꯕ), ꯏꯗ ꯆꯤꯅꯤꯒꯤ ꯆꯥꯡ ꯍꯦꯟꯅ ꯌꯥꯎꯕ (ꯇꯥꯏꯞ 2 ꯗꯥꯏꯕꯦꯇꯤꯁ) ꯑꯃꯁꯨꯡ ꯏꯗ ꯐꯦꯠꯁꯤꯡ, ꯃꯔꯨ ꯑꯣꯏꯅ ꯇ꯭ꯔꯥꯏꯒ꯭ꯂꯤꯁꯔꯥꯏꯗꯁꯤꯡꯒꯤ ꯆꯥꯡ ꯋꯥꯡꯅ ꯌꯥꯎꯕꯒ ꯃꯔꯤ ꯂꯩꯅꯩ ꯍꯥꯏꯅ ꯂꯧꯅꯩ꯫ ꯐꯦꯇꯤ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖ ꯂꯩꯕꯁꯤꯡꯅ ꯁꯤꯕꯒꯤ ꯃꯔꯨ ꯑꯣꯏꯕ ꯃꯔꯝꯁꯤ ꯀꯥꯔꯗꯤꯑꯣꯚꯥꯁꯀ꯭ꯌꯨꯂꯔ ꯗꯤꯖꯤꯖ, ꯀꯣꯂꯣꯔꯦꯛꯇꯔꯜ ꯑꯃꯁꯨꯡ ꯕ꯭ꯔꯦꯁꯠ ꯀꯦꯟꯁꯔꯅ ꯑꯣꯏ꯫
ꯂꯥꯏꯅꯥ ꯑꯁꯤꯒꯤ ꯈꯨꯃꯥꯡ ꯆꯥꯎꯁꯤꯟꯈ꯭ꯔꯕ ꯇꯥꯡꯀꯛꯁꯤꯡꯗ ꯍꯤꯗꯥꯛ ꯀꯌꯥꯃꯔꯨꯝꯅ ꯂꯥꯌꯦꯡꯕꯗ ꯃꯥꯏ ꯄꯥꯛꯄ ꯉꯝꯗꯕ ꯌꯥꯎꯏ꯫ ꯃꯁꯤꯒꯤ ꯃꯔꯝꯗꯤ ꯂꯥꯏꯅꯑꯁꯤꯒꯤ ꯀꯝꯄ꯭ꯂꯦꯛꯁꯤꯇꯤ, ꯍꯤꯗꯥꯛꯁꯤꯡꯒꯤ ꯀꯥꯟꯅꯕꯒꯤ ꯆꯥꯡ ꯋꯥꯠꯄ ꯅꯠꯇ꯭ꯔꯒ ꯍꯤꯗꯥꯛꯁꯤꯡꯗꯨꯒꯤ ꯁꯥꯏꯗ ꯏꯐꯦꯛꯇꯅ ꯑꯣꯏꯍꯜꯂꯝꯕ ꯌꯥꯏ꯫ ꯍꯧꯈꯤꯕ ꯆꯍꯤ ꯀꯌꯥꯁꯤꯗ ꯀ꯭ꯂꯤꯅꯤꯀꯜꯒꯤ ꯇ꯭ꯔꯥꯑꯦꯜ ꯀꯌꯥꯃꯨꯛ ꯄꯥꯡꯊꯣꯛꯈ꯭ꯔꯕꯁꯨ ꯑꯦꯟ ꯑꯦ ꯑꯦꯁ ꯑꯩꯆꯀꯤ ꯐꯥꯔꯃꯥꯁ꯭ꯌꯨꯇꯤꯀꯦꯜ ꯊꯦꯔꯥꯄꯤꯒꯤꯗꯃꯛ ꯌꯨ ꯑꯦꯁꯀꯤ ꯑꯦꯐ ꯗꯤ
ꯑꯦ ꯑꯌꯥꯕ ꯄꯤꯔꯕ ꯂꯥꯌꯦꯡ ꯂꯩꯇ꯭ꯔꯤ꯫ ꯐꯦꯠꯇꯤ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖꯅ
ꯑꯁꯨꯝ ꯑꯁꯨꯝ ꯈꯨꯃꯥꯡ ꯆꯥꯎꯁꯤꯜꯂꯛꯄꯗꯒꯤ ꯀꯝꯄ꯭ꯂꯦꯛꯁꯤꯇꯤ
ꯑꯁꯤꯁꯨ ꯈꯪꯗꯣꯛꯅꯕꯒꯤꯗꯃꯛ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯑꯣꯐ ꯁꯥꯎꯗꯔꯟ
ꯀꯥꯂꯤꯐꯣꯔꯅꯤꯌꯥ (ꯌꯨ ꯑꯦꯁ ꯁꯤ) ꯒꯤ ꯁꯥꯏꯟꯇꯤꯁꯠꯁꯤꯡꯒꯤ ꯂꯨꯞ
ꯑꯃꯅ ꯑꯦꯛꯄꯔꯤꯃꯦꯟꯇꯦꯜ ꯑꯩꯟ ꯑꯦ ꯑꯦꯐ ꯑꯦꯜ/ꯑꯦꯟ ꯑꯦ ꯑꯦꯁ
ꯑꯩꯆꯇ ꯊꯣꯛꯂꯤꯕ ꯃꯣꯂꯤꯀ꯭ꯌꯨꯂꯔ ꯃꯦꯀꯥꯅꯤꯖꯝ ꯑꯗꯨ ꯊꯤꯔꯛꯈꯤ꯫
ꯃꯗꯨꯒꯤ ꯃꯍꯩ ꯑꯣꯏꯅ ꯑꯦꯁ ꯑꯦ ꯕꯤ ꯍꯥꯏꯔꯒꯁꯨ ꯈꯪꯅꯕ ꯑꯩꯆ 3 ꯕꯤ
ꯄꯤ 5 ꯍꯥꯏꯕ ꯊꯦꯔꯥꯄ꯭ꯌꯨꯇꯤꯛ ꯇꯥꯔꯒꯦꯠ ꯖꯤꯟ ꯑꯃ ꯃꯁꯛ ꯈꯪꯕ
ꯉꯝꯂꯛꯈꯤ꯫ ꯃꯁꯤ ꯌꯨ ꯑꯦꯁ ꯁꯤꯒꯤ ꯕꯥꯏꯑꯣꯏꯟꯐꯣꯔꯃꯦꯇꯤꯛꯁ
ꯁ꯭ꯄꯦꯁꯂꯤꯁꯠꯁꯤꯡ, ꯄꯦꯊꯣꯂꯣꯖꯤꯁꯠ, ꯃꯍꯩꯔꯣꯏꯁꯤꯡ,
ꯚꯤꯖꯤꯇꯤꯡ ꯁ꯭ꯀꯣꯂꯔꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯀꯣꯂꯥꯕꯔꯦꯇꯔꯁꯤꯡꯅ ꯆꯍꯤ
ꯀꯌꯥ ꯑꯃ ꯍꯣꯠꯅꯔꯛꯄꯒꯤ ꯃꯍꯩꯅꯤ ꯍꯥꯏꯅ ꯌꯨ ꯑꯦꯁ ꯁꯤꯒꯤ
ꯀꯦꯛ ꯁ꯭ꯀꯨꯜ ꯑꯣꯐ ꯃꯦꯗꯤꯁꯤꯟꯒꯤ ꯖꯤ ꯑꯥꯏ/ꯂꯤꯚꯔ ꯗꯤꯚꯤꯖꯟꯗ
ꯑꯦꯁꯤꯁꯇꯦꯟꯠ ꯄ꯭ꯔꯣꯐꯦꯁꯔ ꯑꯣꯏꯔꯤꯕ ꯁꯥꯟꯗ ꯋꯤꯟꯅ
ꯐꯣꯡꯗꯣꯂꯤ꯫
ꯑꯦꯁ ꯑꯦ ꯕꯤ ꯍꯥꯏꯕꯁꯤ ꯄꯋꯥꯔ ꯍꯥꯎꯁ ꯑꯣꯐ ꯁꯦꯜ ꯍꯥꯏꯅ
ꯈꯪꯅꯔꯤꯕ ꯃꯥꯏꯇꯣꯀꯣꯟꯗ꯭ꯔꯤꯌꯥꯒꯤ ꯃꯄꯥꯟꯊꯪꯕ ꯃꯦꯝꯕ꯭ꯔꯦꯟ
ꯄ꯭ꯔꯣꯇꯤꯟ ꯑꯃꯅꯤ꯫ ꯆꯍꯤ 10ꯒꯤ ꯃꯃꯥꯡꯗ ꯏꯍꯥꯟ ꯍꯥꯟꯕꯒꯤ
ꯑꯣꯏꯅ ꯌꯨ ꯑꯦꯁ ꯁꯤꯒꯤ ꯊꯤꯖꯤꯟ-ꯂꯨꯞ ꯑꯁꯤꯅ ꯄꯨꯊꯣꯛꯇ꯭ꯔꯤꯉꯩꯒꯤ
ꯃꯃꯥꯡꯗ ꯑꯦꯁ ꯑꯦ ꯕꯤꯒꯤ ꯕꯥꯏꯑꯣꯂꯣꯖꯤꯀꯜꯒꯤ ꯑꯣꯏꯕ ꯃꯊꯧꯁꯤ
ꯈꯪꯅꯔꯝꯗꯦ꯫ ꯑꯦꯁ ꯑꯦ ꯕꯤ ꯑꯁꯤ ꯌꯥꯝꯅ ꯃꯔꯨ ꯑꯣꯏꯕ ꯄ꯭ꯔꯣꯇꯤꯟ ꯑꯃꯅꯤ ꯑꯃꯁꯨꯡ ꯑꯦꯁ ꯑꯦ ꯕꯤꯒꯤ ꯂꯦꯚꯦꯜꯗ ꯑꯁꯤꯠꯃꯤꯅꯐꯦꯟ (Acetaminophen) ꯅ ꯊꯣꯛꯍꯟꯕ ꯂꯤꯚꯔ ꯏꯟꯖ꯭ꯌꯨꯔꯤ ꯑꯃꯁꯨꯡ ꯇ꯭ꯌꯨꯃꯔ-ꯅꯦꯀ꯭ꯔꯣꯇꯤꯛ ꯐꯦꯛꯇꯔ (TNF) ꯅ ꯊꯣꯛꯍꯟꯕ ꯑꯦꯀ꯭ꯌꯨꯠ ꯂꯤꯚꯔ ꯐꯦꯜꯂꯔ ꯃꯣꯗꯦꯜ ꯗ ꯂꯤꯚꯔ ꯁꯣꯛꯄꯒꯤ ꯆꯥꯡꯕꯨ ꯇꯥꯛꯏ꯫ ꯑꯦꯁ ꯑꯦ ꯕꯤ ꯑꯁꯤ ꯁ꯭ꯇ꯭ꯔꯦ-ꯑꯦꯛꯇꯤꯚꯦꯇꯦꯗ ꯀꯥꯏꯅꯦꯏꯖ (ꯖꯦ ꯑꯦꯟ ꯀꯦ) ꯒꯤ ꯇꯥꯔꯒꯦꯠ ꯑꯃꯅꯤ, ꯃꯁꯤꯅ ꯃꯥꯏꯇꯣꯀꯣꯟꯗ꯭ꯔꯤꯌꯥꯒꯤ ꯃꯊꯧ ꯀꯥꯏꯍꯜꯂꯛꯏ ꯑꯃꯁꯨꯡ ꯍꯨ ꯆꯦꯟꯕ ꯔꯤꯑꯦꯛꯇꯤꯚ ꯑꯣꯛꯁꯤꯖꯦꯟ ꯁ꯭ꯄꯦꯁꯤꯁꯄꯨ ꯍꯦꯟꯒꯠꯍꯜꯂꯛꯏ꯫ ꯌꯥꯝꯅ ꯅꯨꯡꯉꯥꯏꯔꯤꯕꯗꯤ, ꯆꯤꯟꯖꯥꯛꯅ ꯊꯣꯛꯍꯟꯕ ꯐꯦꯠꯇꯤ ꯂꯤꯚꯔ ꯑꯃꯗ ꯑꯦꯁ ꯑꯦ ꯕꯤ ꯖꯤꯟ ꯑꯦꯛꯇꯤꯚꯦꯁꯟ ꯑꯃꯁꯨꯡ ꯄ꯭ꯔꯣꯇꯤꯟ ꯂꯦꯚꯦꯜꯁꯤꯡ ꯍꯦꯟꯒꯠꯂꯛꯞ ꯑꯗꯨꯒ ꯑꯦꯛꯄꯔꯤꯃꯦꯟꯇꯜ ꯃꯣꯗꯦꯜꯁꯤꯡꯗ ꯂꯥꯏꯅꯥꯁꯤꯅ ꯈꯨꯃꯥꯡ ꯆꯥꯎꯁꯤꯜꯂꯛꯄꯒ ꯃꯤꯑꯣꯏꯕꯒꯤ ꯐꯦꯠꯇꯤ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖꯒ ꯌꯥꯝꯅ ꯅꯛꯅꯕ ꯃꯔꯤ ꯂꯩꯅꯔꯝꯕꯁꯤꯅꯤ
ꯍꯥꯏꯅ ꯋꯤꯟꯅ ꯐꯣꯡꯗꯣꯔꯛꯂꯤ꯫ ꯃꯥꯡꯖꯧꯅꯅ ꯐꯦꯠ ꯌꯥꯝꯅ ꯌꯥꯎꯕ ꯆꯤꯟꯖꯥꯛ ꯄꯤꯖꯔꯕ, ꯃꯄꯨꯡ ꯃꯔꯩ ꯐꯥꯔꯕ ꯎꯆꯤꯁꯤꯡꯗ ꯄꯥꯡꯊꯣꯛꯈꯤꯕ ꯆꯥꯡꯌꯦꯡꯁꯤꯡꯗ ꯂꯤꯚꯔꯒꯤ ꯑꯦꯁ ꯑꯦ ꯕꯤ ꯖꯤꯟ ꯑꯗꯨꯕꯨ ꯃꯊꯧ ꯇꯧꯍꯟꯗꯅ ꯊꯝꯂꯒ ꯂꯥꯏꯅꯥꯁꯤꯅ ꯈꯨꯃꯥꯡ ꯆꯥꯎꯁꯤꯜꯂꯛꯄꯕꯨ ꯊꯤꯡꯕ ꯉꯝꯈꯤ ꯍꯥꯏꯅ ꯀꯦꯛ ꯁ꯭ꯀꯨꯜ ꯑꯣꯐ ꯃꯤꯗꯤꯁꯤꯟꯒ, Neil Kaplowitz ꯅ ꯍꯥꯏꯔꯤ꯫
ꯑꯃꯦꯔꯤꯀꯥꯟ ꯑꯦꯁꯣꯁꯤꯑꯦꯁꯟ ꯐꯣꯔ ꯗ ꯁ꯭ꯇꯗꯤ ꯑꯣꯐ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖꯦꯖꯒꯤ ꯖꯔꯅꯦꯜ ꯍꯦꯄꯥꯇꯣꯂꯣꯖꯤꯗ ꯐꯣꯡꯗꯣꯛꯈ꯭ꯔꯕ, ꯌꯨ ꯑꯦꯁ ꯁꯤ ꯔꯤꯁꯔꯁ ꯁꯦꯟꯇꯔ ꯐꯣꯔ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖꯦꯖ ꯑꯃꯁꯨꯡ the Donald E. and Delia Baxter Foundation Faculty Fellows award ꯅ ꯁꯦꯟꯊꯪ ꯄꯤꯔꯒ ꯄꯥꯏꯈꯠꯂꯛꯈꯤꯕ ꯄ꯭ꯔꯣꯖꯦꯛꯠ ꯑꯁꯤꯗ ꯎꯆꯤꯁꯤꯡꯗꯨꯗ ꯁꯨꯀ꯭ꯔꯣꯖ ꯑꯃꯁꯨꯡ ꯐ꯭ꯔꯨꯛꯇꯣꯖ ꯋꯥꯇꯔ ꯍꯥꯞꯆꯤꯜꯂꯕ, ꯐꯦꯠ ꯌꯥꯝꯅ ꯌꯥꯎꯕ ꯆꯤꯟꯖꯥꯛ ꯃꯈꯜ ꯑꯃꯕꯨ ꯀꯥ ꯍꯦꯟꯅ ꯄꯤꯖꯔꯝꯃꯤ꯫ ꯑꯁꯤꯒꯨꯝꯕ ꯐꯦꯠ ꯑꯃꯁꯨꯡ ꯆꯤꯅꯤꯒꯤ ꯆꯥꯡ ꯌꯥꯝꯅ ꯌꯥꯎꯕ ꯆꯤꯟꯖꯥꯛꯄꯨ ꯃꯇꯝ ꯀꯨꯏꯅ ꯄꯤꯖꯔꯛꯄ ꯃꯇꯝꯗ ꯎꯆꯤꯁꯤꯡꯗꯨ ꯑꯣꯕꯦꯁꯤꯇꯤ, ꯗꯥꯏꯕꯦꯇꯤꯁ
ꯑꯃꯁꯨꯡ ꯐꯦꯠꯇꯤ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖꯅ ꯅꯥꯔꯛꯈꯤ꯫ ꯑꯗꯨꯕꯨ ꯐꯦꯠ
ꯑꯃꯁꯨꯡ ꯆꯤꯅꯤ ꯌꯥꯝꯅ ꯌꯥꯎꯕ ꯆꯤꯟꯖꯥꯛꯇꯨ ꯎꯆꯤꯁꯤꯡꯗ ꯆꯍꯤ
iAm ꯄꯤꯖꯔꯕ ꯃꯇꯨꯡꯗ ꯂꯤꯚꯔ ꯁꯦꯜꯁꯤꯡꯗ ꯇꯥꯔꯒꯦꯠ
ꯇꯧꯔꯤꯕ ꯑꯦꯟꯇꯤꯁꯦꯟꯁ (ꯖꯤꯟ ꯑꯃꯒꯤ ꯅꯟ-ꯀꯣꯗꯤꯡ ꯗꯤ
ꯑꯦꯟ ꯑꯦ ꯁ꯭ꯇ꯭ꯔꯥꯟꯗ ꯅꯠꯇ꯭ꯔꯒ ꯖꯤꯟ ꯁꯥꯏꯂꯦꯟꯁꯤꯡꯒꯤ
ꯄꯥꯝꯕꯩ) ꯑꯁꯤ ꯁꯤꯖꯤꯟꯅꯔꯝꯃꯤ꯫ ꯍꯥꯟꯅꯗꯒꯤ ꯍꯧꯅ ꯎꯆꯤꯁꯤꯡꯗꯨ
ꯂꯤꯚꯔ ꯏꯟꯐ꯭ꯂꯦꯃꯦꯁꯟ ꯑꯃꯁꯨꯡ ꯐꯤꯕ꯭ꯔꯣꯁꯤꯁꯅ ꯅꯥꯔꯕꯁꯨ,
ꯑꯦꯟꯇꯤꯁꯦꯟꯁꯅ ꯃꯈꯣꯏꯒꯤ ꯏꯟꯁꯨꯂꯤꯟ ꯔꯦꯖꯤꯁꯇꯦꯟꯁꯄꯨ
ꯍꯥꯟꯅꯒꯤ ꯐꯤꯚꯝꯗ ꯍꯟꯖꯤꯟꯍꯜꯂꯛꯄ ꯑꯃꯁꯨꯡ ꯂꯤꯚꯔꯗ ꯐꯦꯠ
ꯇꯨꯡꯁꯤꯟꯕꯒꯤ ꯆꯥꯡ ꯌꯥꯝꯅ ꯍꯟꯊꯍꯟꯕꯒ ꯂꯣꯏꯅꯅ ꯂꯤꯚꯔꯒꯤ
ꯏꯟꯐ꯭ꯂꯦꯃꯦꯁꯟ ꯑꯃꯁꯨꯡ ꯐꯤꯕ꯭ꯔꯣꯁꯤꯁꯄꯨꯁꯨ ꯐꯍꯟꯕ ꯉꯝꯈꯤ
ꯍꯥꯏꯅ Kaplowitz ꯅ ꯐꯣꯡꯗꯣꯛꯂꯤ꯫
ꯃꯈꯣꯏꯒꯤ ꯄꯥꯝꯕꯦ ꯑꯁꯤꯗ ꯑꯦꯁ ꯑꯦ ꯕꯤ ꯄ꯭ꯔꯣꯇꯤꯟꯕꯨ ꯃꯄꯨꯡ
ꯐꯥꯅ ꯃꯥꯡꯍꯟꯈꯤꯕ, ꯅꯝꯊꯗꯨꯅ ꯊꯝꯕ ꯅꯠꯇ꯭ꯔꯒ ꯂꯧꯊꯣꯛꯈꯤꯕꯒꯤ
ꯃꯊꯧ ꯇꯥꯗꯦ꯫ ꯑꯦꯁ ꯑꯦ ꯕꯤꯒꯤ ꯅꯣꯔꯃꯦꯜ ꯂꯦꯚꯦꯜꯗꯨꯕꯨ ꯉꯥꯛꯇꯨꯅ
ꯊꯝꯅꯕꯒꯤꯗꯃꯛ ꯗꯔꯀꯥꯔ ꯑꯣꯏꯔꯤꯕ ꯆꯥꯡꯗꯨ ꯆꯞ ꯆꯥꯅ ꯄꯤꯕ
ꯃꯇꯝꯗ ꯂꯥꯏꯅꯥꯗꯨꯅ ꯈꯨꯃꯥꯡ ꯆꯥꯎꯁꯤꯜꯂꯛꯄꯗꯨꯕꯨ ꯊꯤꯡꯏ ꯅꯠꯇ꯭ꯔꯒ
livrdun fgTlKp zMmi> Carlsbad, California
gi Ionis Pharmaceuticals Inc. gi

ꯀꯣꯂꯥꯕꯔꯦꯇꯔꯁꯤꯡꯅ ꯗꯤꯗꯥꯏꯟ ꯇꯧꯕ ꯑꯃꯁꯨꯡ ꯁꯨꯡꯕ ꯑꯦꯟꯇꯤꯁꯦꯟꯁ
ꯑꯣꯂꯤꯒꯣꯅ꯭ꯌꯨꯀ꯭ꯂꯤꯑꯣꯇꯥꯏꯗ (ꯑꯦ ꯑꯦꯁ ꯑꯣ) ꯁꯤꯡꯒꯤ ꯂꯝꯗ ꯆꯥꯎꯈꯠꯂꯛꯄ ꯑꯁꯤꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯕꯒ ꯂꯣꯏꯅꯅ ꯊꯤꯖꯤꯟ-ꯂꯨꯞ ꯑꯁꯤꯅ ꯑꯦꯁ ꯑꯦ ꯕꯤ - ꯇꯥꯔꯒꯦꯇꯤꯡ ꯗꯤ ꯑꯦꯟ ꯑꯦ ꯊꯦꯔꯥꯄꯤꯗ ꯊꯥꯖꯕ ꯊꯝꯂꯤ꯫ ꯊꯤꯖꯤꯟꯈꯤꯕ ꯑꯁꯤꯅ ꯎꯠꯂꯤꯕꯗꯤ ꯂꯤꯚꯔꯗꯨꯅ ꯌꯥꯝꯅꯃꯛ ꯁꯣꯛꯆꯤꯟꯈꯤꯕ ꯑꯣꯏꯔꯕꯁꯨ ꯃꯌꯥꯏ ꯑꯣꯏꯔꯞꯅ ꯆꯤꯟꯖꯥꯛ ꯑꯃꯁꯨꯡ ꯍꯩꯅꯕꯤꯗ ꯁꯦꯝꯗꯣꯛꯄꯅ ꯐꯦꯠꯇꯤ ꯂꯤꯚꯔꯒꯤ ꯂꯥꯏꯅꯥꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯄ
ꯉꯝꯃꯤ ꯍꯥꯏꯕꯁꯤꯅꯤ꯫ ꯎꯆꯤꯁꯤꯡꯗꯨꯗ ꯑꯍꯥꯟꯕ ꯊꯥ ꯇꯔꯨꯛꯀꯤ ꯃꯅꯨꯡꯗ ꯑꯦꯟꯇꯤꯁꯦꯟꯁ ꯊꯦꯔꯥꯄꯤ ꯄꯤꯕꯅ
ꯃꯈꯣꯏꯒꯤ ꯑꯔꯨꯝꯕꯗꯨ ꯇꯁꯦꯡꯅ ꯍꯟꯊꯍꯟꯕ ꯉꯝꯂꯝꯃꯤ꯫ ꯑꯗꯨꯕꯨ ꯎꯆꯤꯁꯤꯡꯗ ꯃꯥꯏ ꯄꯥꯛꯂꯦ ꯍꯥꯏꯗꯨꯅ
ꯃꯁꯤ ꯃꯤꯑꯣꯏꯕꯗꯁꯨ ꯍꯦꯛꯇ ꯃꯥꯏ ꯄꯥꯛꯂꯒꯅꯤ ꯍꯥꯏꯕꯗꯤ ꯂꯩꯇ꯭ꯔꯤ꯫ ꯑꯗꯨꯅ ꯃꯈꯥ ꯇꯥꯅ ꯊꯤꯖꯤꯟꯕꯒꯤ ꯃꯊꯧ
ꯇꯥꯔꯤ꯫ ꯑꯗꯨꯕꯨ ꯃꯈꯣꯏꯒꯤ ꯄꯥꯝꯕꯩꯁꯤ ꯇꯁꯦꯡꯅꯃꯛꯀꯤ ꯊꯥꯖꯅꯤꯡꯉꯥꯏ ꯑꯣꯏꯕ ꯊꯦꯔꯥꯄ꯭ꯌꯨꯇꯤꯛ ꯇꯥꯔꯒꯦꯠ
ꯑꯃꯅꯤ ꯍꯥꯏꯅ Kaplowitz ꯅ ꯐꯣꯡꯗꯣꯛꯂꯤ꯫ =

ꯌꯨ ꯊꯛꯇꯕꯁꯤꯡꯗ ꯅꯥꯕ ꯐꯦꯠꯇꯤ ꯂꯤꯚꯔ ꯗꯤꯖꯤꯖ ꯂꯥꯌꯦꯡꯅꯕꯒꯤ ꯑꯅꯧꯕ ꯄꯥꯝꯕꯩ
ꯁꯥꯏꯟꯁꯀꯤ ꯈꯣꯡꯆꯠ
ꯀꯨꯟꯖꯣ ꯅꯥꯎꯔꯦꯝ
ꯄꯤꯛꯆꯔꯕꯁꯨ ꯏꯔꯝꯗꯝ ꯃꯅꯤꯄꯨꯔ ꯃꯥꯂꯦꯝꯒꯤ ꯃꯐꯝ ꯀꯌꯥꯗ ꯃꯃꯤꯡ ꯆꯠꯆꯔꯕ ꯂꯝꯗꯝ ꯑꯃꯅꯤ꯫
ꯁꯥꯟꯅ-ꯈꯣꯠꯅꯕꯗ, ꯖꯒꯣꯏ ꯏꯁꯩꯗ ꯑꯃꯗꯤ ꯅꯥꯠꯀꯤ ꯑꯣꯏꯕ ꯆꯠꯅꯕꯤꯗ ꯇꯣꯞ ꯇꯣꯞꯄ ꯃꯒꯨꯟ ꯂꯩꯖꯕ
ꯂꯝꯗꯝ ꯑꯁꯤ ꯉꯁꯤꯗꯤ ꯇꯉꯥꯏꯐꯗꯅ ꯇꯨꯡꯂꯝꯆꯠꯀꯤꯗꯃꯛ ꯈꯜꯂꯒ ꯃꯥꯡꯂꯣꯝꯗ ꯆꯪꯁꯤꯟꯒꯗꯕ ꯊꯕꯛ
ꯊꯣꯔꯝ ꯀꯌꯥ ꯃꯥꯡꯗ ꯇꯥꯗꯨꯅ ꯂꯩꯔꯤ꯫ ꯄꯣꯠꯊꯣꯛ ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯂꯩꯖꯗꯕ ꯑꯃꯗꯤ ꯇꯨꯡꯒꯤꯗꯃꯛ ꯄꯣꯔꯝ ꯀꯌꯥ ꯌꯥꯠꯄꯤꯅꯕ ꯃꯤꯑꯣꯏ ꯀꯌꯥ ꯂꯩꯇꯕꯗꯒꯤ ꯉꯁꯤꯗꯤ ꯏꯔꯝꯗꯝ ꯑꯁꯤ ꯆꯥꯎꯈꯠꯄꯒꯤ ꯃꯃꯤ ꯁꯥꯝꯖꯤꯜꯂꯛꯄꯒꯨꯝ ꯂꯩꯔꯤꯕ ꯑꯁꯤ ꯈꯔꯗꯪ ꯑꯣꯏꯔꯕꯁꯨ ꯀꯜꯍꯧꯅꯕꯒꯤꯗꯃꯛ ꯑꯅꯧꯕ ꯆꯥꯎꯈꯠ ꯈꯣꯡꯊꯥꯡ ꯀꯌꯥ ꯄꯣꯔꯝ ꯌꯥꯠꯇꯨꯅ ꯄꯥꯡꯊꯣꯛꯄ ꯃꯊꯧ ꯇꯥꯔꯛꯂꯦ꯫ ꯑꯍꯥꯟꯕ ꯇꯥꯡꯀꯛ ꯑꯃꯒꯤ ꯄꯣꯔꯝ ꯌꯥꯠꯄ ꯑꯣꯏꯅ ꯃꯅꯤꯄꯨꯔ ꯂꯩꯉꯥꯛꯅ ꯇꯧꯍꯟꯖꯅꯤꯡꯕ ꯈꯔ ꯄꯟꯖꯕ ꯇꯥꯔꯕꯗꯤ ꯅꯝꯕꯨꯜ ꯇꯨꯔꯦꯜ ꯑꯃꯗꯤ ꯊꯣꯡ ꯅꯝꯕꯣꯟꯕꯤꯒꯤ ꯃꯔꯤ ꯂꯩꯅꯕ ꯋꯥꯐꯝ ꯈꯔ ꯊꯝꯖꯒꯦ꯫ ꯁꯍꯔꯒꯤ ꯃꯌꯥꯏ ꯐꯥꯎꯗꯨꯅ ꯆꯦꯜꯂꯤꯕ ꯅꯝꯕꯨꯜ ꯇꯨꯔꯦꯜ ꯑꯁꯤ ꯑꯁꯨꯛꯀꯤ ꯃꯇꯤꯛ ꯐꯤꯚꯝ ꯁꯣꯛꯆꯤꯜꯂꯦ ꯍꯥꯏꯕꯗ ꯍꯥꯏꯃꯟꯕ ꯊꯣꯛꯂꯣꯏ꯫
ꯅꯣꯡꯃ-ꯅꯣꯡꯃꯒꯤ ꯁꯣꯛꯆꯤꯜꯂꯛꯂꯤꯕ ꯅꯝꯕꯨꯜ ꯇꯨꯔꯦꯜꯒꯤ ꯐꯤꯚꯝ ꯑꯁꯤꯗꯒꯤ ꯀꯟꯅꯅꯕꯒꯤꯗꯃꯛ ꯇꯉꯥꯏꯐꯗꯅ ꯄꯣꯔꯝ ꯈꯔꯗꯤ ꯌꯥꯠꯊꯣꯛꯇꯨꯅ ꯊꯝꯂꯒ ꯊꯕꯛ ꯑꯣꯏꯅ ꯄꯥꯡꯊꯣꯛꯇ ꯇꯥꯔꯕꯗꯤ ꯑꯏꯕꯒꯤ ꯊꯝꯃꯣꯏꯗ ꯐꯥꯎꯔꯤꯕ ꯑꯁꯤ ꯃꯪꯐꯥꯎꯅꯔꯦ ꯍꯥꯏꯅ ꯈꯟꯖꯒꯅꯤ꯫ ꯂꯩꯉꯥꯛꯅ ꯇꯧꯍꯟꯖꯅꯤꯡꯕ ꯈꯔꯗꯤ ꯃꯍꯥꯔꯥꯅꯤ ꯊꯣꯡ ꯍꯥꯏꯅ ꯈꯪꯅꯔꯤꯕ ꯊꯣꯡ ꯑꯁꯤꯗꯒꯤ ꯀꯩꯁꯥꯝꯄꯥꯠ ꯊꯣꯡ ꯐꯥꯎꯕ ꯑꯁꯤ ꯁꯒꯣꯜꯕꯟꯗ ꯂꯣꯝꯗꯅ ꯃꯣꯏꯔꯥꯡ ꯂꯩꯔꯛ ꯃꯄꯥ
ꯐꯥꯎꯕꯗ ꯂꯩꯔꯤꯕ ꯇꯨꯔꯦꯜꯒꯤ ꯃꯊꯛꯇ ꯅꯥꯒ ꯇꯨꯔꯦꯜꯒꯤ ꯃꯇꯧꯒꯨꯝꯅ ꯀꯥꯡꯂꯣꯟ ꯆꯨꯝꯅ ꯀꯨꯞꯁꯤꯟꯕꯤꯗꯨꯅ ꯅꯤꯡꯊꯤꯅ ꯊꯝꯕꯤꯗꯨꯅ ꯒꯥꯔꯤꯒꯤ ꯄꯥꯔꯀꯤꯡ ꯑꯣꯏꯍꯟꯖꯅꯤꯡꯏ꯫ ꯂꯣꯏꯅꯅ ꯂꯝꯕꯤꯒꯤ ꯃꯇꯥꯡꯗ ꯐꯝꯂꯤꯕꯤ ꯑꯦꯟꯁꯥꯡ-ꯅꯥꯄꯤ ꯌꯣꯜꯂꯤꯕꯤ ꯀꯌꯥꯕꯨꯁꯨ ꯃꯐꯝ ꯆꯥꯅ ꯐꯝꯍꯟꯗꯨꯅ ꯂꯩꯍꯜꯂꯕꯗꯤ ꯁꯒꯣꯜꯕꯟꯗ ꯑꯃꯗꯤ ꯋꯥꯍꯦꯡꯕꯝ ꯂꯩꯀꯥꯏ ꯂꯝꯕꯤ ꯆꯠꯄꯗ ꯑꯋꯥꯕ ꯀꯌꯥ ꯃꯥꯌꯣꯛꯅꯔꯤꯕ ꯑꯁꯤꯗꯒꯤ ꯈꯔꯃꯈꯩꯗꯤ ꯀꯣꯛꯄ ꯉꯝꯒꯅꯤ꯫ ꯁꯒꯣꯜꯕꯟꯗ, ꯃꯌꯥꯏ ꯂꯝꯕꯤ ꯑꯃꯗꯤ ꯇꯤꯗꯗꯤꯝ ꯂꯝꯕꯤꯗ ꯆꯦꯜꯂꯤꯕ ꯄꯦꯁꯦꯟꯖꯔ ꯄꯨꯕ ꯒꯥꯔꯤꯁꯤꯡꯒꯤ ꯄꯥꯔꯀꯤꯡ ꯑꯣꯏꯕ ꯑꯃꯗꯤ ꯃꯅꯥ-ꯃꯁꯤꯡ ꯑꯃꯗꯤ ꯑꯇꯩ ꯑꯇꯣꯞꯄ ꯄꯣꯠꯂꯝ ꯀꯌꯥ ꯌꯣꯟꯕꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯕ ꯍꯦꯟꯒꯠꯍꯟꯒꯅꯤ꯫ ꯂꯣꯏꯅꯅ ꯅꯝꯕꯨꯜ ꯇꯨꯔꯦꯜꯗ ꯑꯃꯣꯠꯄ ꯍꯨꯟꯗꯣꯛꯄꯗꯒꯤ ꯀꯟꯕ ꯉꯝꯒꯅꯤ ꯈꯟꯖꯩ꯫
ꯃꯃꯥꯡꯉꯩꯒꯤ ꯃꯇꯝꯗꯒꯤ ꯂꯩꯔꯛꯂꯕ ꯅꯝꯕꯨꯜ ꯇꯨꯔꯦꯜ ꯈꯣꯡꯅꯨꯡꯗ ꯂꯩꯔꯤꯕ ꯊꯣꯡ ꯅꯝꯕꯣꯟꯕꯤ ꯍꯥꯏꯅ ꯈꯪꯅꯔꯤꯕ ꯊꯣꯡ ꯑꯁꯤꯁꯨ ꯐꯤꯚꯝ ꯀꯥꯏꯍꯟꯗꯅ ꯐꯨꯛꯇꯨꯅ ꯄꯨꯔꯒ ꯀꯪꯂꯥ ꯃꯅꯨꯡꯗ ꯃ꯭ꯌꯨꯖꯤꯌꯝꯒꯤ ꯃꯅꯨꯡ ꯆꯟꯅ ꯉꯥꯛ ꯁꯦꯟꯗꯨꯅ ꯊꯝꯕꯤꯔꯕꯗꯤ ꯊꯣꯡ ꯑꯁꯤ ꯀꯤꯟꯊꯗꯨꯅ ꯃꯥꯡꯈꯤꯒꯗꯕꯗꯒꯤ ꯀꯟꯕ ꯉꯝꯒꯅꯤ ꯑꯃꯗꯤ ꯅꯝꯕꯨꯜ ꯇꯨꯔꯦꯜꯗ ꯏꯆꯦꯜ ꯊꯤꯡꯂꯝꯕ ꯑꯗꯨꯁꯨ ꯀꯣꯛꯄ ꯉꯝꯒꯅꯤ꯫ ꯂꯣꯏꯅꯅ ꯊꯣꯡ ꯅꯝꯕꯣꯟꯕꯤ ꯃꯅꯥꯛꯇ ꯂꯩꯔꯤꯕ ꯇꯨꯔꯦꯜ ꯑꯍꯨꯝ ꯐꯥꯡꯂꯤꯕ ꯑꯁꯤꯒꯤ ꯃꯅꯥꯛꯇ ꯑꯆꯧꯕ ꯑꯍꯥꯡꯕ (ꯇꯨꯔꯦꯜ ꯃꯊꯛꯇ) ꯃꯐꯝꯗꯨꯗ ꯅꯤꯡꯊꯤꯅ ꯊꯧꯔꯥꯡ ꯇꯧꯗꯨꯅ ꯃꯊꯣꯜ ꯀꯌꯥ ꯂꯣꯡꯕ ꯕꯤꯜꯗꯤꯡ ꯁꯥꯒꯠꯇꯨꯅ ꯃꯈꯜ ꯀꯌꯥꯒꯤ ꯄꯣꯠꯂꯝ ꯀꯌꯥ ꯌꯣꯟꯅꯕ ꯄ꯭ꯂꯣꯠ ꯀꯌꯥ ꯁꯦꯝꯒꯠꯂꯕꯗꯤ ꯁꯍꯔ ꯑꯃꯁꯨꯡ ꯇꯨꯔꯦꯜꯒꯤ ꯁꯛꯇꯝꯗ ꯐꯖꯕ ꯃꯥꯌꯣꯟ ꯑꯃ ꯊꯣꯔꯛꯄ ꯉꯝꯒꯅꯤ꯫ ꯃꯊꯛꯇ ꯄꯟꯖꯈ꯭ꯔꯤꯕ ꯋꯥꯐꯝꯁꯤꯡ ꯑꯁꯤ ꯊꯕꯛꯇ ꯑꯣꯟꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛ ꯄꯥꯔꯇꯤ ꯈꯨꯗꯤꯡꯒꯤ ꯃꯦꯅꯤꯐꯦꯁꯇꯣꯗ ꯍꯥꯞꯄꯤꯌꯨ ꯑꯝꯗꯤ ꯑꯦꯁꯦꯝꯕ꯭ꯂꯤꯗ ꯄꯨꯊꯣꯛꯄꯤꯌꯨ ꯂꯣꯏꯅꯅ ꯄꯥꯁ ꯇꯧꯕꯤꯗꯨꯅ ꯊꯕꯛꯇ ꯑꯣꯟꯊꯣꯛꯄꯤꯌꯨ ꯍꯥꯏꯅ ꯄꯥꯎꯖꯦꯟꯖꯔꯤ꯫=

ꯆꯤꯡ-ꯇꯝꯒꯤ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯒꯤ ꯖꯦ ꯑꯦ ꯁꯤ 2 ꯊꯣꯛꯄ
ꯏꯀꯥꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔ,
ꯁ꯭ꯇꯦꯠꯁꯤꯗ ꯂꯩꯔꯤꯕ ꯆꯤꯡ-ꯇꯝꯒꯤ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯆꯥꯎꯕ ꯑꯦꯄꯦꯛꯁ ꯕꯣꯗꯤ ꯖꯦ ꯑꯦ ꯁꯤ ꯑꯦꯝꯇꯨꯛ ꯑꯦꯟꯗ ꯑꯦꯝ ꯖꯤ ꯑꯣ ꯑꯁꯤ ꯑꯅꯤ ꯊꯣꯛꯄꯒꯤ ꯃꯑꯣꯡ ꯑꯁꯤ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯂꯥꯏꯕꯛ ꯊꯤꯕꯅꯤ꯫ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯒꯤ ꯐꯪꯐꯝ ꯊꯣꯛꯄ ꯍꯛꯁꯤꯡ ꯑꯦꯄꯦꯛꯁ ꯕꯣꯗꯤ ꯑꯁꯤꯅ ꯇꯥꯟꯅꯗꯨꯅ ꯂꯥꯛꯈꯤꯕꯅꯤ꯫ ꯅꯤꯡꯁꯤꯡꯕ ꯌꯥꯕ ꯑꯃꯅ ꯁ꯭ꯇꯦꯠꯁꯤꯒꯤ ꯀꯔꯝꯃꯥꯆꯥꯔꯤꯁꯤꯡꯒꯤ ꯁ꯭ꯇꯦꯠꯀꯤ ꯑꯣꯏꯕ ꯄꯦ ꯄꯤꯔꯝꯃꯤ꯫ ꯂꯩꯈꯤꯗ꯭ꯔꯕ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔ ꯑꯥꯔ ꯀꯦ ꯖꯌꯆꯟꯗ꯭ꯔꯒꯤ ꯃꯇꯝꯗ ꯖꯦ ꯑꯦ ꯁꯤꯅ ꯇꯛꯅꯕꯗꯒꯤ ꯑꯍꯥꯟꯕ ꯁꯦꯟꯇ꯭ꯔꯦꯜ ꯄꯦ ꯄꯤꯕ ꯍꯧꯈꯤꯕꯅꯤ ꯍꯥꯏꯕꯁꯤ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯅ ꯅꯤꯡꯁꯤꯡꯐꯝ ꯊꯣꯛꯏ꯫ ꯁ꯭ꯇꯦꯠꯁꯤꯗ ꯏ ꯄꯤ ꯑꯦꯐ/ꯁꯤ ꯄꯤ ꯑꯦꯐꯀꯤ ꯁꯕ ꯕ꯭ꯔꯥꯟꯆ ꯑꯃ ꯂꯩꯔꯤꯕ ꯑꯁꯤꯕꯨ ꯖꯦ ꯑꯦ ꯁꯤꯅ, ꯌꯨꯅꯤꯌꯟ ꯂꯦꯕꯔ ꯃꯤꯅꯤꯁꯇꯔ ꯑꯃꯗꯤ ꯄ꯭ꯔꯣꯚꯤꯗꯦꯟꯠ ꯐꯟꯗ ꯀꯝꯃꯤꯁ꯭ꯅꯔꯗ ꯀꯟꯅ ꯇꯛꯅꯕꯗꯒꯤ ꯏꯝꯐꯥꯜꯗ ꯂꯩꯔꯤꯕꯅꯤ꯫ ꯃꯁꯤꯁꯨ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯐꯝ ꯊꯣꯛꯏ꯫ ꯂꯩꯈꯤꯗ꯭ꯔꯕ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔ ꯑꯣꯏꯕꯤꯔꯝꯕ ꯃꯣꯏꯔꯥꯡ ꯀꯣꯏꯔꯦꯡ ꯑꯃꯗꯤ ꯂꯩꯈꯤꯗ꯭ꯔꯕ ꯖꯦ ꯑꯦ ꯁꯤꯒꯤ ꯄ꯭ꯔꯁꯤꯗꯦꯟꯠ ꯄ꯭ꯔꯖꯥꯇꯟꯇ꯭ꯔꯒꯤ ꯑꯦꯗꯤꯇꯔ ꯑꯦꯜ ꯖꯌꯆꯟꯗ꯭ꯔꯒꯤ ꯃꯇꯝ, ꯆꯤꯐ ꯁꯦꯀ꯭ꯔꯦꯇꯔꯤ ꯑꯃꯗꯤ ꯑꯦꯝ ꯌꯨꯒꯤ ꯚꯥꯏꯁ ꯆꯥꯟꯆꯦꯜꯂꯔ ꯑꯣꯏꯔꯝꯕ ꯖꯔꯅꯦꯜ ꯁꯤꯡꯍꯅ ꯄꯋꯥꯔ ꯄꯥꯏꯔꯤꯉꯩꯗ ꯖꯦ ꯑꯦ ꯁꯤꯕꯨ ꯂꯩꯉꯥꯛꯅ ꯌꯥꯝꯅ ꯂꯨꯝꯅ ꯂꯧꯕꯤꯕꯗꯒꯤ ꯕꯥꯕꯨꯄꯔꯥꯗ ꯖꯦ ꯑꯦ ꯁꯤꯒꯤ ꯑꯣꯐꯤꯁ ꯄꯤꯕꯤꯔꯝꯕꯅꯤ꯫ ꯑꯣꯐꯤꯁ ꯑꯁꯤ ꯁ꯭ꯇꯦꯠꯁꯤꯒꯤ ꯚꯤ ꯑꯥꯏ ꯄꯤꯁꯤꯡꯅ ꯌꯥꯝꯅ ꯗꯤꯃꯥꯟꯗ ꯇꯧꯕ ꯀ꯭ꯋꯥꯇꯔꯅꯤ꯫ ꯖꯦ ꯑꯦ ꯁꯤꯅ ꯃꯇꯝ ꯑꯗꯨꯒꯤ ꯂꯩꯉꯥꯛꯇ ꯖꯦ ꯑꯦ ꯁꯤꯒꯤ ꯑꯣꯐꯤꯁ
ꯑꯣꯏꯅꯕ ꯖꯤ ꯑꯦꯝ ꯍꯣꯜꯒꯤ ꯃꯈꯥ ꯊꯪꯕꯗ ꯅꯠꯇ꯭ꯔꯒ ꯒꯚꯔꯅꯔ ꯕꯪꯒꯂꯣꯒꯤ ꯃꯈꯥ ꯂꯥꯏꯕ꯭ꯔꯦꯔꯤꯒꯤ ꯃꯅꯥꯛ, ꯏꯂꯦꯛꯇ꯭ꯔꯤꯁꯤꯇꯤꯒꯤ ꯅꯣꯡꯄꯣꯛꯇ ꯅꯠꯇ꯭ꯔꯒ ꯄꯤ ꯗꯕ꯭ꯂꯤꯌꯨ ꯗꯤꯒꯤ ꯑꯋꯥꯡ ꯑꯦꯜ ꯑꯥꯏ ꯁꯤ ꯑꯣꯐꯤꯁ ꯁꯥꯗ꯭ꯔꯤꯉꯩꯗ ꯄꯤꯕꯤꯌꯨ ꯍꯥꯏꯖꯕꯗ ꯂꯩꯉꯥꯛꯅ ꯕꯥꯕꯨꯄꯔꯥꯒꯤ ꯀ꯭ꯋꯥꯇꯔꯁꯤ ꯄꯤꯕꯤꯈꯤꯕꯅꯤ꯫ ꯆꯍꯤ 40ꯒꯤ ꯃꯃꯥꯡꯗ ꯄꯤꯕꯤꯔꯝꯕ ꯖꯦ ꯑꯦ ꯁꯤꯒꯤ ꯑꯣꯐꯤꯁꯄꯨ ꯑꯇꯣꯞꯄ ꯂꯟꯅꯥꯏ ꯃꯤꯑꯣꯏꯗ ꯂꯩꯉꯥꯛꯅ ꯄꯤꯊꯣꯛꯈꯤꯕ ꯍꯥꯏꯕꯁꯤ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯂꯥꯏꯕꯛ ꯊꯤꯕꯅꯤ꯫ ꯃꯁꯤꯒꯤ ꯃꯍꯩꯗꯤ ꯖꯦ ꯑꯦ ꯁꯤ ꯑꯅꯤ ꯊꯣꯛꯄꯗꯒꯤꯅ ꯍꯥꯏꯅ ꯈꯟꯖꯩ꯫
ꯑꯔꯣꯏꯕꯗ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯅ ꯃꯠ ꯃꯥꯟꯅꯗ꯭ꯔꯕ ꯂꯩꯉꯥꯛꯅ ꯈꯨꯗꯣꯡꯆꯥꯕ ꯂꯧꯕ, ꯐꯪꯐꯝ ꯊꯣꯛꯄ ꯍꯛꯁꯤꯡ ꯇꯥꯟꯕꯗ ꯃꯇꯝ ꯆꯪꯕ ꯅꯠꯇ꯭ꯔꯒ ꯐꯪꯗꯕ ꯀꯔꯝꯃꯆꯥꯔꯁꯤꯡꯅ ꯈꯪꯕꯤꯐꯝ ꯊꯣꯛꯏ꯫ ꯁ꯭ꯇꯦꯠꯁꯤꯗ ꯑꯅꯤ ꯊꯣꯛꯄ ꯑꯁꯤ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯗꯗꯤ ꯑꯅꯤ ꯊꯣꯛꯄ ꯑꯁꯤ ꯊꯣꯛꯍꯟꯅꯤꯡꯗꯦ꯫ ꯍꯥꯏꯅꯩ ꯑꯄꯨꯟꯕꯅ ꯄꯥꯡꯒꯜꯅꯤ, ꯁꯛꯇꯤꯅꯤ ꯍꯥꯏꯅꯔꯤꯕꯅꯤ꯫ ꯑꯇꯣꯞꯄ ꯑꯃꯅ ꯃꯇꯝ ꯄꯨꯝꯕꯗ ꯂꯩꯉꯥꯛꯅ ꯁꯦꯀ꯭ꯔꯦꯇꯔꯤꯌꯦꯠ ꯀꯔꯝꯃꯆꯥꯔꯤ-ꯅꯟ ꯁꯦꯀ꯭ꯔꯦꯇꯔꯤꯑꯦꯠ ꯀꯔꯝꯃꯆꯥꯔꯤ ꯑꯅꯤ ꯑꯁꯤ ꯑꯃꯠꯇ ꯑꯣꯏꯅ ꯑꯃꯗꯤ ꯁꯦꯟꯇ꯭ꯔꯦꯜ ꯀꯔꯝꯃꯆꯥꯔꯤ, ꯁ꯭ꯇꯦꯠ ꯀꯔꯝꯃꯆꯥꯔꯤ ꯑꯅꯤ ꯑꯁꯤꯁꯨ ꯑꯃꯠꯇ ꯑꯣꯏꯅ ꯑꯃꯗꯤ ꯁꯦꯟꯇ꯭ꯔꯦꯜ ꯀꯔꯝꯃꯆꯥꯔꯤ, ꯁ꯭ꯇꯦꯠ ꯀꯔꯝꯃꯆꯥꯔꯤ ꯃꯈꯜ ꯑꯅꯤ ꯑꯁꯤꯁꯨ ꯑꯃꯠꯇ ꯑꯣꯏꯅ ꯌꯦꯡꯍꯟꯅꯤꯡꯏ, ꯄꯨꯝꯅꯃꯛ ꯑꯁꯤ ꯗꯨꯀꯥꯟꯗꯒꯤ ꯂꯩꯃꯤꯟꯅꯔꯤ, ꯆꯥꯃꯤꯟꯅꯔꯤ, ꯍꯤꯡꯃꯤꯟꯅꯔꯤ꯫ ꯆꯤꯡ-ꯇꯝ ꯄꯨꯝꯕꯒꯤ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯒꯤꯗꯃꯛꯇꯗꯤ ꯖꯦ ꯑꯦ ꯁꯤ ꯑꯦꯐ ꯑꯦꯝꯇꯨꯛ ꯑꯦꯟꯗ ꯑꯦꯝ ꯖꯤ
ꯑꯣꯒꯤ ꯑꯦꯄꯦꯛꯁ ꯕꯣꯗꯤ ꯑꯁꯤ ꯀꯔꯝꯃꯆꯥꯔꯤꯁꯤꯡꯒꯤ ꯕꯦꯛ ꯕꯣꯟꯅꯤ ꯍꯥꯏꯖꯅꯤꯡꯏ꯫
ꯑꯗꯣꯝꯒꯤ - ꯇꯤ ꯑꯩꯆ ꯏꯇꯣꯕꯤ
ꯑꯦꯛꯁ ꯁꯦꯀ꯭ꯔꯦꯇꯔꯤ (ꯑꯣꯔꯒꯦꯅꯥꯏꯖꯦꯁꯟ) ꯖꯦ ꯑꯦ ꯁꯤ ꯑꯣꯐ ꯑꯦꯝꯇꯨꯛ ꯑꯦꯟꯗ ꯑꯦꯝ ꯖꯤ ꯑꯣ

- ꯆꯤꯡꯁꯨꯕꯝ ꯁ꯭ꯌꯥꯝꯖꯥꯏ -

ꯇꯨꯡꯂꯝꯆꯠꯀꯤꯗꯃꯛ ꯆꯥꯎꯈꯠ ꯈꯣꯡꯊꯥꯡ - 1
ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯋꯥꯀꯠ, ꯃꯤꯌꯥꯝꯒꯤ ꯈꯣꯜꯂꯥꯎ, ꯄꯥꯎꯗꯝ ꯑꯃꯁꯨꯡ ꯑꯇꯩ-ꯑꯇꯩ
ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ ꯂꯤꯇꯔꯦꯔꯤ ꯀ꯭ꯋꯤꯖ - 29
ꯃꯊꯛꯇ ꯄꯤꯔꯤꯕ ꯋꯥꯍꯪꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯄꯥꯎꯈꯨꯝ ꯅꯕꯦꯝꯕꯔ 15, ꯅꯤꯡꯊꯧꯀꯥꯕ
ꯅꯨꯃꯤꯠꯀꯤ ꯑꯌꯨꯛ ꯄꯨꯡ 11 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯑꯣꯐꯤꯁꯇ ꯅꯠꯇ꯭ꯔ
I-meL hueiyenliteraryquiz@gmail.com sid meL AoIn
ꯊꯥꯕꯤꯔꯛꯄ ꯌꯥꯒꯅꯤ꯫ ꯄꯥꯎꯈꯨꯝ ꯄꯤꯕꯤꯔꯛꯄ/ꯊꯥꯕꯤꯔꯛꯄ ꯃꯇꯝꯗ ꯃꯤꯡ, ꯂꯩꯐꯝ,
ꯃꯍꯩꯒꯤ ꯊꯥꯛ ꯑꯃꯁꯨꯡ ꯀꯟꯇꯦꯛꯠ ꯅꯝꯕꯔ ꯃꯌꯦꯛ ꯁꯦꯡꯅ ꯏꯕꯤꯔꯛꯎ꯫ ꯋꯥꯍꯪ
ꯈꯗꯤꯡꯃꯛꯀꯤ ꯄꯥꯎꯈꯨꯝ ꯆꯨꯝꯅ ꯅꯠꯇ꯭ꯔꯒ ꯃꯁꯤꯡ ꯌꯥꯝꯅ ꯆꯨꯝꯅ ꯄꯤꯕꯤꯔꯛꯄ
ꯃꯤꯑꯣꯏꯁꯤꯡ ꯑꯗꯨꯗꯒꯤ ꯗ꯭ꯔꯣ ꯑꯣꯠꯆꯔꯒ ꯂꯥꯏꯕꯛ ꯐꯕ ꯃꯤꯁꯛ ꯑꯃ ꯈꯟꯖꯒꯅꯤ꯫
ꯂꯣꯏꯅꯅ ꯈꯜꯂꯕ ꯃꯤꯁꯛ ꯑꯗꯨꯗ ꯃꯅꯥ ꯄꯤꯖꯒꯅꯤ꯫

1| “ꯊꯥꯞꯅꯔꯤꯕ”ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ? ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ
ꯂꯥꯏꯔꯤꯛꯅꯣ?
2| “ꯃꯄꯥꯔꯤ ꯂꯩꯔꯥꯡꯇꯣꯟꯗ ꯁꯥꯠꯄ ꯁꯤꯡꯂꯦꯟꯇꯣꯟꯗ ꯄꯣꯛꯄ ꯎꯅꯧ ꯀꯣꯟꯗꯦꯜ
ꯀꯣꯟꯅ ꯍꯨꯟ ꯁꯂꯦꯟ ꯂꯥꯏꯐꯥꯜ ꯊꯤꯟꯕ, ꯈꯣꯏꯌꯝ ꯂꯥꯏꯄꯣꯛ ꯁꯪꯁꯪꯕ ꯆꯦꯡꯂꯧ
ꯁꯛꯅ ꯍꯦꯟꯕ, ꯄꯨꯅꯨꯡ ꯂꯤꯟꯅ ꯉꯥꯟꯕ, ꯈꯣꯏꯌꯝ ꯂꯥꯏꯕꯨ ꯅꯤꯡꯕꯒꯤ ꯀꯣꯂꯣꯏ
ꯃꯃꯤꯡꯊꯣꯗꯤ ꯕ꯭ꯔꯁꯀꯦꯇꯨ ꯇꯧꯅ ꯀꯧꯑꯦ꯫ ꯕ꯭ꯔꯁꯀꯦꯇꯨ ꯚꯛꯇ ꯋꯥꯔꯤ
ꯂꯝꯗꯥꯡꯁꯥꯡꯕꯨ ꯍꯌꯥ ꯂꯥꯎꯅ ꯁꯩꯊꯤꯔꯛꯀꯦ꯫” ꯋꯥꯍꯩ ꯄꯔꯦꯡꯁꯤꯡ ꯑꯁꯤ ꯀꯔꯤ
ꯂꯥꯏꯔꯤꯛꯇꯒꯤ ꯂꯧꯊꯣꯛꯄꯅꯣ?
3| ꯕ꯭ꯔꯤꯟꯗꯥꯕꯟꯂꯥꯜ ꯕꯔꯃꯥꯒꯤ “ꯃꯨꯒꯌꯅꯤ” ꯍꯥꯏꯕ ꯎꯞꯅ꯭ꯌꯥꯁ ꯑꯁꯤ ꯃꯅꯤꯄꯨꯔꯤꯗ
ꯀꯔꯤ ꯃꯃꯤꯡ ꯊꯣꯟꯗꯨꯅ ꯀꯅꯥꯅ ꯍꯟꯗꯣꯛꯄꯒꯦ?
4| “ꯒꯤꯇꯥ ꯕꯅꯕꯥꯁ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ?
5| “ꯃꯍꯥꯚꯥꯔꯠꯀꯤ ꯁꯀꯨꯅꯤ ꯑꯃꯁꯨꯡ ꯁꯀꯨꯅꯤꯒꯤ ꯋꯥꯁꯛ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ
ꯀꯅꯥꯅ ꯏꯕꯅꯣ ꯑꯃꯁꯨꯡ ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯅꯣ?