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CURRENT POSITION :

- ◆ Vice President, Kaohsiung Medical University

EDUCATIONAL BACKGROUND :

- ◆ M.D: Kaohsiung Medical College, Taiwan 1979
- ◆ D.M.Sci: Tokyo Women's Medical University, Japan 1993

RESEARCH INTERESTS :

- ◆ Molecular Genetics of Neuromuscular Diseases
- ◆ Translational Research of Spinal Muscular Atrophy and Duchenne Muscular Dystrophy

PUBLISHED WORKS :

- Hsieh-Li HM, Chang JG, Jong YJ, Wu MH, Wang NM, Tsai CH, Li H. A mouse model for spinal muscular atrophy. *Nature Genet* 2000;24:66-70.
- Chang JG, Hsieh-Li HM, Jong YJ, Wang NM, Tsai CH, Li H. Treatment of spinal muscular atrophy by sodium butyrate. *Proc Natl Acad Sci USA* 2001;98:9808-13.
- Wang HY, Ju YH, Chen SM, Lo SK, Jong YJ. Joint range of motion limitations in children and young adults with spinal muscular atrophy. *Arch Phys Med Rehabil* 2004;85:1689-93.
- Chang HC, Hung WC, Chuang YJ, Jong YJ. Degradation of survival motor neuron (SMN) protein is mediated via the ubiquitin/proteasome pathway. *Neurochem Int* 2004;45:1107-12.
- Hung CC, Lee CN, Chen CP, Jong YJ, Chen CA, Cheng WF, Lin WL, Su YN. Quantification of relative gene dosage by single-base extension and high-performance liquid chromatography: application to the SMN1/SMN2 gene. *Anal Chem* 2005;77:6960-8.
- Hsieh TJ, Wang CK, Chuang HY, Jong YJ, Li CW, Liu GC. In vivo proton magnetic resonance spectroscopy assessment for muscle metabolism in neuromuscular diseases. *J Pediatr* 2007;151:319-21.
- Liang WC, Yuo CY, Chang JG, Chen YC, Chang YF, Wang HY, Ju YH, Chiou SS, Jong YJ. The effect of hydroxyurea in spinal muscular atrophy cells and patients. *J Neurol Sci* 2008; 268:87-94.
- Wang CC, Chang JG, Ferrance J, Chen HY, You CY, Chang YF, Jong YJ, Wu SM, Yeh CH. Quantification of SMN1 and SMN2 genes by capillary electrophoresis for diagnosis of spinal muscular atrophy. *Electrophoresis* 2008;29:2904-11.
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- Wang CC, Chang JG, Jong YJ, Wu SM. Universal multiplex PCR and capillary electrophoresis for quantification of SMN1/SMN2 genes in spinal muscular atrophy. *Electrophoresis* 2009;30:1102-10.