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**Current Position** Assistant Professor  
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### Education

PhD, Psychological Medicine, Institute of Psychiatry, Psychology, Neuroscience, King's College London, London, UK.(2016-2019)

MSc, Clinical Medicine, Institute of Clinical Medical Sciences, China Medical University, Taiwan. (2009-2011)

MD, Medicine, China Medical University, Taiwan (1998-2005)

### Expertise

Child and Adolescent Mental Health, Nutritional Psychiatry

Attention deficit hyperactivity disorder (ADHD), Psychoneuroimmunology

### Research Interests

My research interests include in search for novel treatments and biomarkers for depression and attention deficit hyperactivity disorder (ADHD), with a special focus on omega-3 polyunsaturated fatty acids.

### Selected Grants (PI)

Omega- 3 Fatty Acids, Neuroendocrine and Attention Deficit Hyperactivity Disorder with (OMNeADHD) A double blind randomized controlled trial of high dose omega- 3 fatty acids in children and adolescents with ADHD with omega- 3 deficiency. MoST110-2314-B-039 -029 -MY3 (2021/8/1-2024/7/31)

### Selected Publications

**Chang JP,\*** Su KP, Mondelli V, Pariante CM. Cortisol and Inflammatory

Biomarker Levels in Youths with Attention Deficit Hyperactivity Disorder (ADHD): Evidence from a Systematic Review with Meta-analysis. *Translational Psychiatry*. 2021 (Accepted)

**Chang JP**, Mondelli V, Satyanarayanan SK, Chiang YJ, Chen HT, Su KP, Pariante CM. Cortisol, inflammatory biomarkers and neutrophins in children and adolescents with attention deficit hyperactivity disorder (ADHD) in Taiwan. *Brain, Behavior and Immunity*. 2020;88:105-113.

**Chang JP**, Su KP, Mondelli V, Satyanarayanan SK, Yang HT, Chiang YJ, Chen HT, Pariante CM. High-dose eicosapentaenoic acid (EPA) improves attention and vigilance in children and adolescents with attention deficit hyperactivity disorder (ADHD) and low endogenous EPA levels. *Translational Psychiatry*. 2019; 9:303.

**Chang JP**, Su KP, Mondelli V, Pariante CM. Omega-3 Polyunsaturated Fatty Acids in Youths with Attention Deficit Hyperactivity Disorder (ADHD): A Systematic Review and Meta-Analysis of Clinical Trials and Biological Studies. *Neuropsychopharmacology*. 2018, 43:534-545.