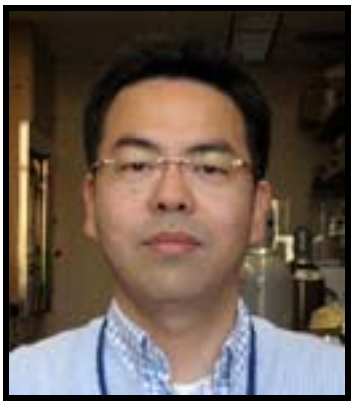
Kenjiro Ono



Current Position: Postdoctoral Scholar in the Department of Neurology in the David Geffen School of Medicine at University of California, Los Angeles (UCLA); Instructor in the Department of Neurology and Neurobiology of Aging at Kanazawa University Graduate School of Medical Science in Kanazawa, Japan

Education: M.D. (1997) from Showa University School of Medicine in Tokyo, Japan; Ph.D. in Neurology (2002) from Kanazawa University Graduate School of Medical Science in Kanazawa, Japan

Non-scientific Interests: Playing with my daughters and listening to popular music

I was born in Buffalo, New York. Beginning in 2000, I engaged in biophysical research on amyloid β-protein (Aβ) aggregation under the supervision of Professors Masahito Yamada (Kanazawa University) and Hironobu Naiki (Fukui University). We found that some organic compounds with anti-oxidative motifs, including curcumin, wine-related polyphenols, and nicotine, inhibited both Aβ and α-synuclein (αS) aggregation as well as destabilized preformed fibrils. Moreover, the cerebrospinal fluid (CSF) from non-Alzheimer disease (AD) patients inhibited Aβ aggregation more strongly than that of AD patients, although the CSF obtained from both groups inhibited Aβ aggregation. Beginning in 2007, I worked under the supervision of Professor David B. Teplow (University of California, Los Angeles) to delve more deeply into the conformational dynamics of Aβ assembly and its inhibition. Dr. Teplow and I now are focusing on biological and structural studies of Aβ oligomers.

Read Dr. Ono's article entitled: Effects of Grape Seed-derived Polyphenols on Amyloid β-Protein Self-assembly and Cytotoxicity

http://www.jbc.org/cgi/content/full/283/47/32176