



Fetal canalization of BM preference

double-dissociation of pathogenesis by VPA and
nAChR blockade and recovery by bumetanide,
inhibitor of chloride cotransporter

Toshiya MATSUSHIMA, Momoko MIURA,
Hiroyuki TOJI, Kazuhiro WADA, Nina PATZKE,
Yukiko OGURA, Paola SGADÒ, Giorgio
VALLORTIGARA

Hokkaido University, Faculty of Science
Health Sciences University of Hokkaido
University of Trento, CIMeC

- Fetal exposure to valproic acid (VPA) and neonicotinoid insecticide is an ASD risk factor.
- Can we assume chicks a valid ASD animal model?

Univ Trento, CIMeC (22 June, 2022)
JSPS-Kakenhi (19KK0211)