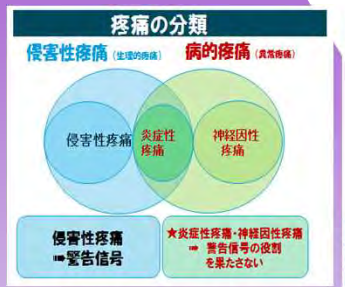
食品成分による疼痛緩和のメカニズム

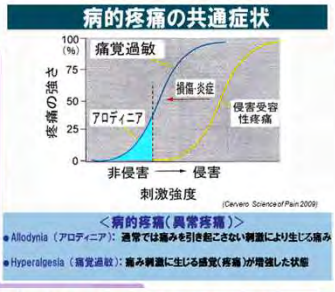
Modulatory mechanisms of pain relief by dietary constituent

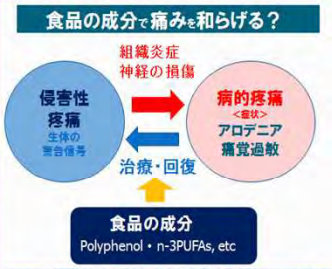
武田　守　教授

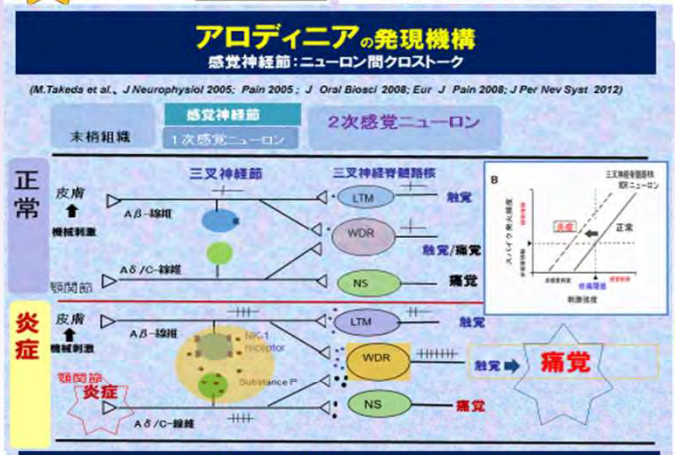
麻布大学　生命・環境科学部　食品生命科学科　食品生理学研究室

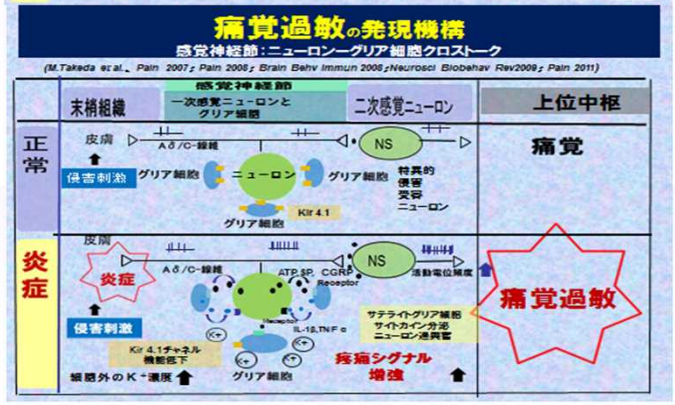
Mamoru Takeda / Professor
Department of Food amd Life Science , School of Life and Environmental Science

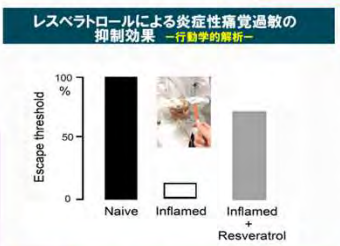


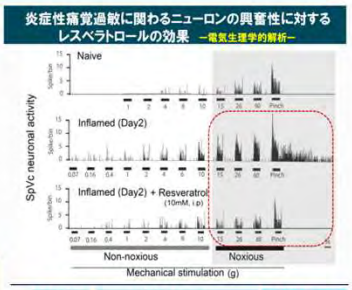


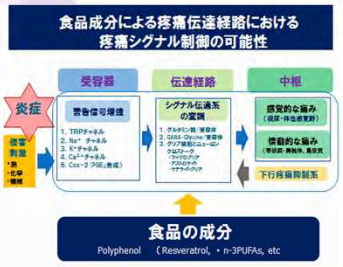


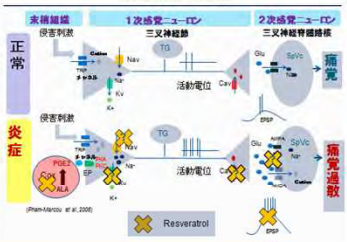












口腔顔面領域（三叉神経支配領域）の病的疼痛時の
アロディニアや痛覚過敏などの発症機構を解明

★炎症性疼痛動物モデル（*in vivo*/*in vitro*）

1. 行動学的解析
2. 免疫組織化学的解析
3. 電気生理学的解析

食品成分（Polyphenol,n-3PUFAs,その他）の疼痛緩和効果を検証

メリット

★ 緩和に有効な“新たな健康食品”の開発に貢献
★ 緩和効果が期待される健康食品：科学的エビデンス取得
★ 副作用の少ない鎮痛薬や局所麻酔薬の開発に貢献

〒252-5201　神奈川県相模原市中央区淵野辺1-17-71　TEL:042-754-7111(ext.438)　FAX:042-850-2511
E-mail: research@azabu-u.ac.jp　URL: http://www.azabu-u.ac.jp/sgk/　担当：角野，根本