

Effect of Wnt5a on drug resistance in estrogen receptor-positive breast cancer

Ai Amioka¹⁾, Takayuki Kadoya¹⁾, Satoshi Sueoka¹⁾, Yoshie Kobayashi¹⁾, Shinsuke Sasada¹⁾, Akiko Emi¹⁾, Norio Masumoto¹⁾, Masaoki Ito¹⁾, Koh Nakayama²⁾, Morihito Okada¹⁾

- 1) Department of Surgical Oncology, Research Institute for Radiation Biology and Medicine, Hiroshima University, 1-2-3 Kasumi, Minami-Ku, Hiroshima 734-8551, Japan
- 2) Oxygen Biology Laboratory, Medical Research Institute, Tokyo Medical and Dental University, Bunkyo-ku, Tokyo 113-8510, Japan

Corresponding author:

Takayuki Kadoya, M.D, Ph.D

Email: takayukikadoya@gmail.com

Tel.: +81-082-257-5869

Fax: +81-082-256-7109

Online Resource 3

Postoperative treatment of recurrent cases of ER-positive breast cancer

| Cases | Wnt5a expression | Adjuvant chemotherapy | Adjuvant hormone therapy |
|-------|------------------|-----------------------|--------------------------|
| 1 | positive | — | TAM |
| 2 | positive | — | TAM, LH-RHa |
| 3 | positive | — | AI |
| 4 | positive | TC | AI |
| 5 | positive | FEC+DTX | — |
| 6 | negative | TC | AI |

Abbreviations: TAM, Tamoxifen; LH-RHa, Luteinizing hormone-releasing hormone agonist; AI, Aromatase inhibitor; TC, Docetaxel + Cyclophosphamide; FEC, 5-Fluorouracil + Epirubicin + Cyclophosphamide; DTX, Docetaxel.