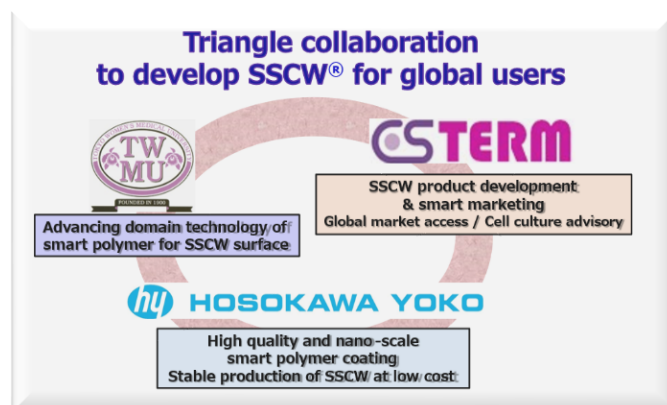
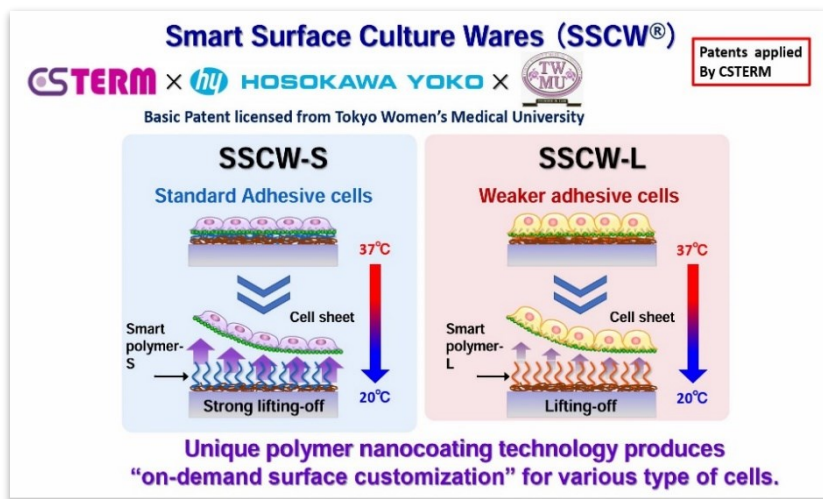


## Introduction of SSCW®- smart surface culture ware

SSCW® is developed by innovative polymer nano-coating technologies to culture and harvest various types of cells without any damage, by just switching temperature of the culture wares

CSTERM is proud to announce a successful launch of SSCW®, a high functional and low-price thermo-responsive smart surface culture ware. CSTERM initiated R&D efforts of SSCW® in 2019 under our triangle collaboration with Hosokawa Yoko Co., Ltd. Japan, and Institute of Advanced Biomedical Engineering and Science Tokyo Women's Medical University.



## SSCW product offering

CSTERM is offering products of SSCW-S (Standard), SSCW-L (Higher adhesive) and SSCW-Mix (trial kit) directly to overseas users.

SSCW® Type	Order Code	Box <Content>	Price (tax exc.)
SSCW-S (Standard)	0350118	SSCW®- S <18 dishes>	Yen 27,000
SSCW-L (Higher Adhesive)	0350218	SSCW®- L <18 dishes>	Yen 27,000
SSCW-Mix (Trial Kit)	035010212	SSCW®- Mix < S&L 12 dishes each >	Yen 12,000

Remark:

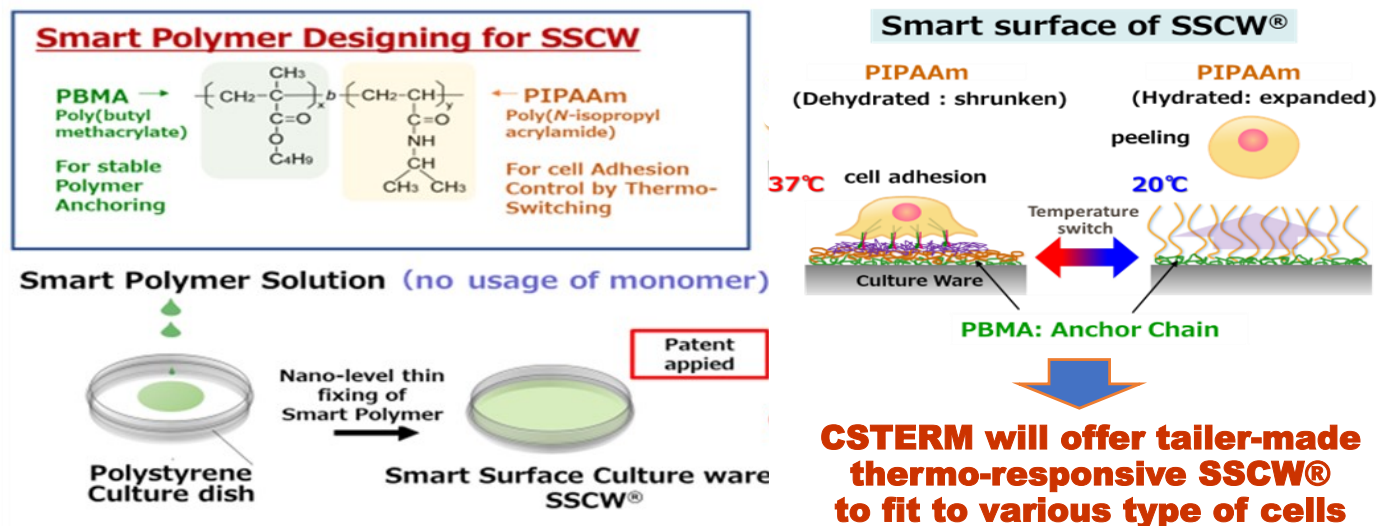
Overseas purchasers are supposed to pay shipping charge and customs duty.

Please visit us: [https://www.csterm.com/SSCW\\_Intro\\_ENG.html](https://www.csterm.com/SSCW_Intro_ENG.html)



## SSCW® technical information

### Switching surface by nano-level control of polymer coating



## Our launching plan of SSCW® to Market

CSTERM is launching SSCW® to market in November, 2024. In case of domestic orders, please kindly submit your order in Japanese to FUJIFILM Wako Pure Chemical Corporation referring to URL <https://labchem-wako.fujifilm.com/jp/category/03314.html>.

Please send your overseas orders and any inquiry on SSCW® to [info@csterm.com](mailto:info@csterm.com).

## Scientific papers related to SSCW® and its polymer technology

### ✧ Realization of Thermo-responsiveness

N. Yamada, T. Okano et al., Makromol. Chem., Rapid Commun. 1990; 11: 571-576.

T. Okano et al., J. Biomed. Mater. Res. 1993; 27: 1243-1251.

T. Okano et al., Biomaterials 1995; 16: 297-303.

### ✧ Nano-coating technology of thermos-responsive polymer

M. Nakayama, T. Okano et al., Macromol. Biosci. 2012; 12: 751-760.

M. Nakayama, T. Okano et al., J. Mater. Chem. B 2020; 8: 7812-7821.

M. Nakayama, T. Okano et al., Macromol. Biosci. 2021; 21: 2000330.

### ✧ Cell culture application by SSCW

Y. Tobe et al., Microvasc. Res. 2022; 141: 104321,

K. Morita, M. Nakayama, et.al., Regenerative Therapy 28(2025): 345-357.

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