

研究成果の刊行に関する一覧表

書籍

該当なし

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
平田 祐介, 松沢 厚	メカノセンシングを介した脂質過酸化に伴う細胞死誘導機構	生物物理	63(6)	310-312	2023
平田 祐介, 松沢 厚	DHA・EPAによるトランス脂肪酸毒性の抑制作用機構	食品と開発	59(2)	4-7	2024
Hirata Y , Kashiwaba N, Nada Y, Inoue A, Sato E, Noguchi T, and Matsuzawa A	A comprehensive toxicological analysis of <i>trans</i> -fatty acids (TFAs) reveals a pro-apoptotic action specific to industrial TFAs counteracted by polyunsaturated FAs	<i>Scientific Reports</i>	13	5883	2023
Hirata Y* , Kojima R, Ashida R, Nada Y, Kimura S, Sato E, Noguchi T, and Matsuzawa A* *co-corresponding authors	Industrially produced <i>trans</i> -fatty acids are potent promoters of DNA damage-induced apoptosis	<i>J. Toxicol. Sci.</i>	49(1)	27-36	2024
Noguchi T, Sekiguchi Y, Shimada T, Suzuki W, Yokosawa T, Itoh T, Yamada M, Suzuki M, Kurokawa R, Hirata Y , and Matsuzawa A	LLPS of SQSTM1/p62 and NBR1 as outcomes of lysosomal stress response limits cancer cell metastasis	<i>Proc. Natl. Acad. Sci. USA</i>	120(43)	e2311282120	2023
Hirata Y , Ferreri C, Yamada Y, Inoue A, Sansone A, Vetica F, Suzuki W, Takano S, Noguchi T, Matsuzawa A, and Chatgililoglu C	Geometrical isomerization of arachidonic acid during lipid peroxidation interferes with ferroptosis.	<i>Free Radic. Biol. Med.</i>	204	374-384	2023
Yamada Y, Noguchi T, Suzuki M, Yamada M, Hirata Y , and Matsuzawa A	Reactive sulfur species disaggregate the SQSTM1/p62-based aggresome-like induced structures via the HSP70 induction and prevent parthanatos	<i>J. Biol. Chem.</i>	299(6)	104710	2023

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Hirata Y , Cai R, Volchuk A, Steinberg B, E, Saito Y, Matsuzawa A, Grinstein S, and Freeman SA	Lipid peroxidation increases membrane tension, Piezo1 gating and cation permeability to execute ferroptosis.	<i>Current Biology</i>	33(7)	1-13	2023
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