

麦類及びそば類アレルギーに係る食品表示についての
食品健康影響評価のための調査
報告書

平成 31 年（2019 年）2 月

エム・アール・アイ リサーチアソシエイツ株式会社

目次

1. 業務名.....	2
2. 調査の背景・目的.....	2
3. 調査内容.....	3
3.1 調査の基本方針.....	3
3.2 文献等の検索・文献等のリスト化.....	3
3.2.1 文献データベースによる文献の検索.....	4
3.2.2 アレルゲンデータベースによる文献の検索.....	15
3.3 抄録集の作成.....	17
3.4 原著文献の入手.....	17
4. 調査結果.....	18
4.1 文献等数.....	18
4.2 重要な文献等のリスト.....	21
4.2.1 麦類.....	21
4.2.2 そば類.....	53

調査の概要

食品安全委員会が自ら行う食品健康影響評価の中で現行の表示等についての検証を行うため、本調査では、我が国の食物アレルギーの主要原因食品である麦類及びそば類アレルギーに関する国内外の文献並びに国際機関及び諸外国におけるリスク評価書等、食品健康影響評価に必要な科学情報の収集・整理を行った。

【調査内容と結果】

本調査は、食品安全委員会が自ら行う食品健康影響評価に必要となる、麦類及びそば類アレルギーに関する文献等をもれなくリストアップし、重要な文献等を抽出し簡潔な抄録を作成することを基本方針とした。

はじめに、麦類及びそば類アレルギーに関連のある文献等を、MEDLINE や医学中央雑誌等の文献データベース及びアレルギーデータベースを用いて検索し、各文献等の書誌情報等をリスト形式で整理した。その結果、文献等リストには、2,685 件の文献等（麦類 2,394 件及びそば類 291 件）がリストアップされた。

次に、リストアップした文献等のうち、特に食品健康影響評価を実施するために必須となる文献等を抽出した。抽出は、各文献のアブストラクトの内容を確認することで行った。その結果、505 件の文献等（麦類 307 件及びそば類 198 件）が必須文献等として抽出された。

また、これら文献等の原著を入手するとともに、その概要を和文で取りまとめ、抄録集を作成した。

1. 業務名

麦類及びそば類アレルギーに係る食品表示についての食品健康影響評価のための調査

2. 調査の背景・目的

食物アレルギーは、我が国の全人口の1~2%が有していると考えられており、食物アレルギーを有する者がアレルゲンを含む食品を摂取すると、過剰な免疫反応により、血圧低下、呼吸困難等の症状を引き起こし、最悪の場合は死に至る。

このような被害を未然に防ぐため、国は、食品表示法（平成25年法律第70号）に基づき、アレルゲンを含む食品に対し、原材料の表示を義務化又は推奨している。

また、平成27年にアレルギー疾患対策基本法（平成26年法律第98号）が施行され、同法第15条では「国はアレルギー物質を含む食品に関する表示の充実を図るための措置を講ずる」ことと定められており、本法に基づくアレルギー疾患対策の推進に関する基本的な指針（平成29年厚生労働省告示第76号）では、食品安全委員会の責務として「国はアレルギー物質を含む食品に関する表示等について科学的検証を行う」と定められている。

そこで、食品安全委員会は、自ら行う食品健康影響評価の中で現行の表示について検証を行うため、本調査において、我が国の食物アレルギーの主要原因食品である麦類及びそば類アレルギーに関する国内外の文献並びに国際機関及び諸外国におけるリスク評価書等（以下「文献等」という。）の食品健康影響評価に必要な科学的知見について調査を実施する。

3. 調査内容

3.1 調査の基本方針

本調査では、食品安全委員会が自ら行う食品健康影響評価に必要となる、麦類及びそば類アレルギーに関する文献等をもれなくリストアップし、重要な文献等を抽出し簡潔な抄録を作成することを基本方針とした。なお、本調査において麦類とは小麦、大麦、ライ麦及びえん麦を、そば類とはそば及びだったんそばをいう。また、対象疾患はIgE依存性アレルギーとした。

3.2 文献等の検索・文献等のリスト化

麦類及びそば類アレルギーに関する文献等のうち、表 3-1 の項目に挙げた知見を含む国内外の文献等を文献データベース及びアレルギーデータベースにより検索した。

また、検索した文献等に関する情報は、書誌情報、文献の重要度、URL、原著/総説の分類、検索に用いたデータベース及び検索式並びにアレルギーデータベース及びその調査項目についてリスト形式で整理した。

表 3-1 検索対象とする文献に含むべき知見

項目	知見
i) 疫学	臨床症状及びその重症度、診断法（二重盲検プラセボコントロール試験を含む食物経口負荷試験、IgE抗体価測定、皮膚プリック試験等）、環境因子、遺伝的因子、合併症等の情報を含む、有病率等の疫学に関する知見。
ii) アレルゲン性	対象に含まれるアレルゲンの理化学的情報及びアレルギー感受性及び誘発性に関する知見。
iii) 加工処理の影響	加熱、加水分解の加工処理及び消化による、対象に含まれるアレルゲンのアレルギー誘発性を含むアレルゲン性への影響に関する知見。
iv) 交差抗原性	対象とその他の食物との間における交差抗原性に基づくアレルギー誘発性に関する知見。
v) アレルゲンの含有率	加工食品に含まれる対象アレルゲンの含有率に関する知見。

3.2.1 文献データベースによる文献の検索

海外の文献については ProQuest Dialog（データベースとして MEDLINE 及び EMBASE を利用）を、国内の文献については、特定非営利活動法人医学中央雑誌刊行会が提供する医中誌 Web を利用し検索した。その際、キーワードには統制語を使用し、調査内容に欠落が生じないように留意した。また、文献等は 2000 年以降に公表された、査読付きのものを対象とした。

(1) 麦類

MEDLINE における検索式と検索結果は、表 3-2 に示すとおりである。

表 3-2 検索式及び MEDLINE の検索結果（麦類）

番号	MEDLINE での検索式	件数
①	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "food challenge"	37 件
②	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND ("food challenge" AND "double blind")	16 件
③	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "anaphylaxis"	74 件
④	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND ("food challenge" AND "anaphylaxis")	11 件
⑤	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "exercise induced anaphylaxis"	31 件
⑥	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND prevalence	96 件
⑦	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND ("food challenge" AND prevalence)	9 件
⑧	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND (symptom OR ("allergic reaction" AND severity))	169 件
⑨	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND diagnosis	227 件
⑩	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND IgE	184 件
⑪	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "skin prick test"	47 件
⑫	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND (diagnosis AND IgE AND "skin prick test")	25 件
⑬	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND allergenicity	25 件
⑭	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND sensitivity	120 件
⑮	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "cross reactivity"	17 件
⑯	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND hydrolysis	13 件
⑰	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND proteolysis	4 件
⑱	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND pressure	7 件
⑲	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND (thermal OR heat OR baked)	14 件

EMBASE では、まず、表 3-3 の検索式 A (MEDLINE と同様) を用いて検索を行った。検索式 A での検索結果は 3,772 件であった。検索式 A では IgE 依存性以外のアレルギーも抽出された。そのため、IgE 依存性アレルギー以外の疾患を除外キーワードとした表 3-3 の検索式 B を用いて検索を行い、その結果は 2,886 件であった。検索式 A 及び検索式 B の結果は表 3-3 に示すとおりである。

表 3-3 検索式及び EMBASE の検索結果 (麦類)

番号	検索式 A		検索式 B	
	検索式	件数	検索式	件数
①	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "food challenge"	152 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "food challenge") NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	136 件
②	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND ("food challenge" AND "double blind")	56 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND ("food challenge" AND "double blind")) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	49 件
③	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "anaphylaxis"	357 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "anaphylaxis") NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	318 件
④	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND ("food challenge" AND "anaphylaxis")	45 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND ("food challenge" AND "anaphylaxis")) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	43 件
⑤	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "exercise induced anaphylaxis"	151 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "exercise induced anaphylaxis") NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	136 件

番号	検索式 A		検索式 B	
	検索式	件数	検索式	件数
⑥	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND prevalence	281 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND prevalence) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	189 件
⑦	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND ("food challenge" AND prevalence)	33 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND ("food challenge" AND prevalence)) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	28 件
⑧	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND (symptom OR ("allergic reaction" AND severity))	512 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND (symptom OR ("allergic reaction" AND severity))) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	355 件
⑨	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND diagnosis	689 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND diagnosis) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	509 件
⑩	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND IgE	676 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND IgE) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	556 件
⑪	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "skin prick test"	177 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "skin prick test") NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	148 件
⑫	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND (diagnosis AND IgE AND "skin prick test")	78 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND (diagnosis AND IgE AND "skin prick test")) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	66 件

番号	検索式 A		検索式 B	
	検索式	件数	検索式	件数
⑬	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND allergenicity	98 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND allergenicity) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	83 件
⑭	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND sensitivity	294 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND sensitivity) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	135 件
⑮	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "cross reactivity"	76 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND "cross reactivity") NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	53 件
⑯	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND hydrolysis	39 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND hydrolysis) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	31 件
⑰	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND proteolysis	7 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND proteolysis) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	6 件
⑱	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND pressure	12 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND pressure) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	10 件
⑲	(allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND (thermal OR heat OR baked)	39 件	((allergy OR Allergen) AND (wheat OR barley OR rye OR oat) AND (thermal OR heat OR baked)) NOT ("pollen allergy" or aeroallergen or "inhalant allergen" or "non celiac wheat sensitivity" or "non celiac gluten sensitivity" or celiac or "Irritable bowel syndrome" or IBS)	35 件

さらに、重要な文献の漏れを防ぐため、検索式 A を用いて MEDLINE 及び EMBASE で検索した結果、重複した文献を抽出した。検索式 A を用いて MEDLINE 及び EMBASE で検索した結果重複した文献と、検索式 B を用いて EMBASE で検索した結果ヒットした文献をリストアップの対象とした。リストアップの対象とした件数は、表 3-4 に示すとおりであり、3,274 件の文献を抽出した。

表 3-4 検索式 A による MEDLINE 及び EMBASE での検索の結果の重複した件数並びに検索式 B による EMBASE での検索結果

番号	検索式 A による MEDLINE 及び EMBASE での検索結果の重複件数	検索式 B による EMBASE での検索結果	最終結果
①	4 件	136 件	140 件
②	1 件	49 件	50 件
③	10 件	318 件	328 件
④	3 件	43 件	46 件
⑤	1 件	136 件	137 件
⑥	45 件	189 件	234 件
⑦	3 件	28 件	31 件
⑧	78 件	355 件	433 件
⑨	95 件	509 件	604 件
⑩	20 件	556 件	576 件
⑪	6 件	148 件	154 件
⑫	3 件	66 件	69 件
⑬	6 件	83 件	89 件
⑭	91 件	135 件	226 件
⑮	5 件	53 件	58 件

番号	検索式 A による MEDLINE 及び EMBASE での検索結果の重複件数	検索式 B による EMBASE での検索結果	最終結果
⑩	6 件	31 件	37 件
⑪	3 件	6 件	9 件
⑫	7 件	10 件	17 件
⑬	1 件	35 件	36 件

医中誌 Web における検索式及び検索結果は、表 3-5 に示すとおりである。

表 3-5 検索式及び医中誌 Web での検索結果（麦類）

番号	医中誌	件数	重複件数	
			MEDLINE	EMBASE
①	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (食物負荷試験) AND (DT=2000:2018 PT=原著論文,総説)	72 件	2 件	14 件
②	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (食物負荷試験 AND 二重盲検試験) AND (DT=2000:2018 PT=原著論文,総説)	0 件	0 件	0 件
③	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (アナフィラキシー) AND (DT=2000:2018 PT=原著論文,総説)	212 件	4 件	34 件
④	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (食物負荷試験 AND アナフィラキシー) AND (DT=2000:2018 PT=原著論文,総説)	45 件	1 件	7 件
⑤	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (運動誘発アナフィラキシー) AND (DT=2000:2018 PT=原著論文,総説)	125 件	2 件	24 件
⑥	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (有病率) AND (DT=2000:2018 PT=原著論文,総説)	11 件	0 件	3 件
⑦	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (食物負荷試験 AND 有病率) AND (DT=2000:2018 PT=原著論文,総説)	0 件	0 件	0 件
⑧	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (症状 OR (アレルギー反応 AND 重症度)) AND (DT=2000:2018 PT=原著論文,総説)	204 件	3 件	29 件
⑨	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (診断) AND (DT=2000:2018 PT=原著論文,総説)	298 件	7 件	46 件
⑩	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (免疫グロブリン E) AND (DT=2000:2018 PT=原著論文,総説)	139 件	8 件	41 件
⑪	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (プリックテスト) AND (DT=2000:2018 PT=原著論文,総説)	117 件	3 件	19 件
⑫	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (診断 AND 免疫グロブリン E AND プリックテスト) AND (DT=2000:2018 PT=原著論文,総説)	52 件	2 件	14 件

番号	医中誌	件数	重複件数	
			MEDLINE	EMBASE
⑬	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (アレルゲン性)AND (DT=2000:2018 PT=原著論文,総説)	4件	2件	2件
⑭	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (感受性 OR 感作)AND (DT=2000:2018 PT=原著論文,総説)	72件	3件	12件
⑮	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (交差反応)AND (DT=2000:2018 PT=原著論文,総説)	12件	2件	3件
⑯	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (加水分解)AND (DT=2000:2018 PT=原著論文,総説)	40件	0件	7件
⑰	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (タンパク質分解)AND (DT=2000:2018 PT=原著論文,総説)	1件	0件	0件
⑱	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (加圧 OR 圧)AND (DT=2000:2018 PT=原著論文,総説)	25件	0件	2件
⑲	(アレルギー OR アレルゲン)AND (小麦 OR 大麦 OR ライ麦 OR えん麦)AND (温度 OR 加熱 OR 焼く)AND (DT=2000:2018 PT=原著論文,総説)	13件	2件	3件

(2) そば類

MEDLINE、EMBASE、医中誌 Web における検索式及び検索結果は、表 3-6 に示すとおりである。

表 3-6 検索式及び文献データベースごとの検索結果（そば類）

番号	MEDLINE 及び EMBASE の検索式	MEDLINE 検索結果	EMBASE 検索結果	医中誌 Web の検索式	医中誌 Web 検索結果
①	(allergy OR Allergen) AND buckwheat AND "food challenge"	8 件	14 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (食物負荷試験) AND (DT=2000:2018 PT=原著論文,総説)	2 件
②	(allergy OR Allergen) AND buckwheat AND ("food challenge" AND "double blind")	1 件	1 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (食物負荷試験 AND 二重盲検試験) AND (DT=2000:2018 PT=原著論文,総説)	0 件
③	(allergy OR Allergen) AND buckwheat AND "anaphylaxis"	25 件	55 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (アナフィラキシー) AND (DT=2000:2018 PT=原著論文,総説)	19 件
④	(allergy OR Allergen) AND buckwheat AND ("food challenge" AND "anaphylaxis")	5 件	7 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (食物負荷試験 AND アナフィラキシー) AND (DT=2000:2018 PT=原著論文,総説)	2 件
⑤	(allergy OR Allergen) AND buckwheat AND "exercise induced anaphylaxis"	1 件	6 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (運動誘発アナフィラキシー) AND (DT=2000:2018 PT=原著論文,総説)	6 件
⑥	(allergy OR Allergen) AND buckwheat AND prevalence	8 件	22 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (有病率) AND (DT=2000:2018 PT=原著論文,総説)	2 件
⑦	(allergy OR Allergen) AND buckwheat AND ("food challenge" AND prevalence)	1 件	2 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (食物負荷試験 AND 有病率) AND (DT=2000:2018 PT=原著論文,総説)	0 件

番号	MEDLINE 及び EMBASE の検索式	MEDLINE 検索結果	EMBASE 検索結果	医中誌 Web の検索式	医中誌 Web 検索結果
⑧	(allergy OR Allergen) AND buckwheat AND (symptom OR ("allergic reaction" AND severity))	17 件	41 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (症状 OR (アレルギー反応 AND 重症度)) AND (DT=2000:2018 PT=原著論文,総説)	23 件
⑨	(allergy OR Allergen) AND buckwheat AND diagnosis	29 件	50 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (診断) AND (DT=2000:2018 PT=原著論文,総説)	27 件
⑩	(allergy OR Allergen) AND buckwheat AND IgE	49 件	75 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (免疫グロブリン E) AND (DT=2000:2018 PT=原著論文,総説)	10 件
⑪	(allergy OR Allergen) AND buckwheat AND "skin prick test"	8 件	12 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (プリックテスト) AND (DT=2000:2018 PT=原著論文,総説)	6 件
⑫	(allergy OR Allergen) AND buckwheat AND (diagnosis AND IgE AND "skin prick test")	7 件	9 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (診断 AND 免疫グロブリン E AND プリックテスト) AND (DT=2000:2018 PT=原著論文,総説)	2 件
⑬	(allergy OR Allergen) AND buckwheat AND allergenicity	11 件	16 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (アレルゲン性) AND (DT=2000:2018 PT=原著論文,総説)	0 件
⑭	(allergy OR Allergen) AND buckwheat AND sensitivity	14 件	20 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (感受性 OR 感作) AND (DT=2000:2018 PT=原著論文,総説)	0 件
⑮	(allergy OR Allergen) AND buckwheat AND "cross reactivity"	5 件	13 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (交差反応) AND (DT=2000:2018 PT=原著論文,総説)	4 件
⑯	(allergy OR Allergen) AND buckwheat AND hydrolysis	3 件	3 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (加水分解) AND (DT=2000:2018 PT=原著論文,総説)	0 件

番号	MEDLINE 及び EMBASE の検索式	MEDLINE 検索結果	EMBASE 検索結果	医中誌 Web の検索式	医中誌 Web 検索結果
⑰	(allergy OR Allergen) AND buckwheat AND proteolysis	3 件	2 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (タンパク質分解) AND (DT=2000:2018 PT=原著論文,総説)	0 件
⑱	(allergy OR Allergen) AND buckwheat AND pressure	5 件	3 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (加圧 OR 圧) AND (DT=2000:2018 PT=原著論文,総説)	4 件
⑲	(allergy OR Allergen) AND buckwheat AND (thermal OR heat OR baked)	3 件	5 件	(アレルギー OR アレルゲン) AND (そば OR だったんそば) AND (温度 OR 加熱 OR 焼く) AND (DT=2000:2018 PT=原著論文,総説)	0 件

3.2.2 アレルゲンデータベースによる文献の検索

アレルゲンデータベース（InformAll 及び Allergome）を使用し、各データベースに収載されている麦類及びそば類アレルギーに関する引用文献のうち、表 3-1 に挙げた知見を含む文献を検索した。なお、本項目において文献の公表年に制限は設けない。

(1) InformAll

InformAll の公式ウェブサイト¹より食物（麦類及びそば類）を選択し、臨床データ（Clinical Data）として引用されている文献のうち、下記の項目において引用されている文献を抽出した。

- ① Clinical history
- ② Skin Prick Test
- ③ IgE assay
- ④ Immunoblotting
- ⑤ Oral provocation
- ⑥ IgE cross-reactivity and polysensitization
- ⑦ Other clinical information

また、麦類及びそば類アレルゲンについて、生化学的データ（Biochemical Data）として引用されている文献のうち、下記の項目において引用されている文献を抽出した。

- ⑧ Allergen stability
- ⑨ Nature of main cross reacting proteins
- ⑩ Allergen properties & biological function
- ⑪ Allergen purification
- ⑫ Other biochemical information

上記により抽出した文献数は、表 3-7 のとおりである。

表 3-7 InformAll による文献の抽出結果

番号	抽出項目	麦類	そば類
①	Clinical Data / Clinical history	17 件	5 件
②	Clinical Data / Skin Prick Test	21 件	1 件
③	Clinical Data / IgE assay	22 件	7 件
④	Clinical Data / Immunoblotting	17 件	8 件
⑤	Clinical Data / Oral Provocation	15 件	1 件
⑥	Clinical Data / IgE cross-reactivity and polysensitisation	9 件	3 件
⑦	Clinical Data / Other clinical information	28 件	6 件
⑧	Biochemical Data / Allergen stability	9 件	1 件

¹ InformAll 公式ウェブサイト (<http://research.bmh.manchester.ac.uk/informall/allergenic-foods/>)

番号	抽出項目	麦類	そば類
⑨	Biochemical Data / Nature of main cross reacting proteins	8 件	6 件
⑩	Biochemical Data / Allergen properties & biological function	13 件	0 件
⑪	Biochemical Data / Allergen purification	12 件	4 件
⑫	Biochemical Data / Other biochemical information	23 件	9 件

(2) Allergome

Allergome の公式ウェブサイト²において、以下の条件を用いて麦類及びそば類のアレルゲンを検索した。

表 3-8 Allergome でのアレルゲンの検索条件

フィールド	項目	選択又は入力する用語
First Field	Archive	Sources を選択
	Language	Select を選択
	Text	食物名（麦類及びそば類）を入力
Second Field	Archive	Tissues を選択
	Language	Select を選択
	Text	“seed”と入力
Third Field	Archive	Route of Exposure を選択
	Language	Select を選択
	Text	“ingestion”と入力

※検索様式 (Search Form) では、Advanced Search 中の Allergens の “morecule”及び “sources”にチェックを入れている。

検索の結果、表示されたアレルゲンについて、引用されている文献 (Reference) のうち、下記の項目に分類されている文献を抽出した。

- ① Biochemistry/structure/function
- ② Molecular biology
- ③ Immunochemistry/allergenicity
- ④ Immune-mechanisms/Genetics
- ⑤ Epidemiology
- ⑥ Detection-Source extracts/Food-products/Drug-preparations
- ⑦ Diagnosis

上記により抽出した文献数は、表 3-9 のとおりである。

² Allergome 公式ウェブサイト

(http://www.allergome.org/script/search_advanced_step1.php?clear=1)

表 3-9 Allergome による文献の抽出結果

番号	抽出項目	麦類	そば類
①	Biochemistry/structure/function	256 件	47 件
②	Molecular biology	65 件	20 件
③	Immunochemistry/allergenisity	277 件	52 件
④	Immune-mechanismus/Genetics	20 件	2 件
⑤	Epidemiology	323 件	35 件
⑥	Detection-Source extracts/Food-products/Drug-preparations	128 件	12 件
⑦	Diagnosis	951 件	70 件

3.3 抄録集の作成

3.2 で収集し、リストアップした文献 2,865 件のうち、特に食品健康影響評価を実施するために重要となる文献等を選定した。選定に際しては、以下の観点を検討した。

■以下に示す 2 誌に掲載されている論文を優先して選定した。

- ✓ The Journal of Allergy and Clinical Immunology
- ✓ Allergy

■その他には、以下の観点から選定した。

- ✓ 麦類・そば類を主な対象食物とした研究であること。
- ✓ 定量的な情報が掲載されていること。
- ✓ 複数のキーワードで検索されること。
- ✓ 欧州、米国、日本の研究であること。そばに関しては韓国の研究も選定。

文献の選定の結果、麦類・そば類合わせて 505 件（麦類 307 件及びそば類 198 件）の文献を重要と判断し、選定した文献等についてアブストラクトを和訳して 1 報あたり A4 サイズ 1 枚に取りまとめた抄録集を作成した。

3.4 原著文献の入手

抄録集に収載した文献等は、原著を入手した。

4. 調査結果

4.1 文献等数

調査結果より、文献の重複、アブストラクトを読んでも文献等の内容が本調査の目的から明らかに外れているもの、学会発表及びポスター発表であった文献等を除外し、**2,685** 件の文献等をリストアップした。

この文献等リストから、食品健康影響評価に資する可能性の低い文献 **2,180** 件を除外とし、**505** 件を重要な文献等として選定した。選定した文献等を文献データベース及びアレルギーデータベースごとに整理した結果は、表 4-1～表 4-3 に示すとおりである。なお、文献データベース及びアレルギーデータベース間で重複する文献等が存在するため、文献等の合計数 **505** 件と一致しない。

表 4-1 文献データベースから選定された文献等の件数

検索番号	MEDLINE		EMBASE		医中誌 Web	
	麦類	そば類	麦類	そば類	麦類	そば類
①	21 件	1 件	56 件	11 件	21 件	1 件
②	8 件	0 件	17 件	2 件	0 件	0 件
③	47 件	5 件	126 件	40 件	42 件	7 件
④	10 件	0 件	25 件	5 件	14 件	1 件
⑤	23 件	0 件	84 件	2 件	27 件	2 件
⑥	17 件	2 件	37 件	17 件	4 件	1 件
⑦	5 件	1 件	14 件	2 件	0 件	0 件
⑧	40 件	2 件	92 件	31 件	36 件	13 件
⑨	54 件	8 件	143 件	41 件	51 件	9 件
⑩	63 件	17 件	189 件	52 件	39 件	6 件
⑪	23 件	1 件	50 件	10 件	13 件	3 件
⑫	12 件	1 件	24 件	9 件	8 件	0 件
⑬	13 件	5 件	29 件	11 件	2 件	0 件
⑭	18 件	8 件	31 件	10 件	14 件	0 件
⑮	4 件	2 件	17 件	10 件	3 件	2 件
⑯	8 件	3 件	21 件	2 件	6 件	0 件
⑰	0 件	2 件	1 件	1 件	0 件	0 件
⑱	0 件	4 件	1 件	1 件	1 件	2 件
合計 ³	87 件	83 件	237 件	82 件	61 件	20 件

³ 検索式間の重複を除いた件数を示す。

表 4-2 アレルゲンデータベース (InformAll) から選定された文献等の件数

番号	抽出項目	麦類	そば類
①	Clinical Data / Clinical history	15 件	7 件
②	Clinical Data / Skin Prick Test	18 件	3 件
③	Clinical Data / IgE assay	19 件	9 件
④	Clinical Data / Immunoblotting	15 件	10 件
⑤	Clinical Data / Oral Provocation	13 件	3 件
⑥	Clinical Data / IgE cross-reactivity and polysensitisation	5 件	5 件
⑦	Clinical Data / Other clinical information	10 件	8 件
⑧	Biochemical Data / Allergen stability	5 件	12 件
⑨	Biochemical Data / Nature of main cross reacting proteins	3 件	12 件
⑩	Biochemical Data / Allergen properties & biological function	3 件	12 件
⑪	Biochemical Data / Allergen purification	7 件	15 件
⑫	Biochemical Data / Other biochemical information	19 件	16 件
合計 ⁴		29 件	27 件

表 4-3 アレルゲンデータベース (Allergome) から選定された文献等の件数

番号	抽出項目	麦類	そば類
①	Clinical Data / Clinical history	55 件	33 件
②	Clinical Data / Skin Prick Test	19 件	18 件
③	Clinical Data / IgE assay	82 件	47 件
④	Clinical Data / Immunoblotting	2 件	2 件
⑤	Clinical Data / Oral Provocation	25 件	26 件
⑥	Clinical Data / IgE cross-reactivity and polysensitisation	14 件	9 件
⑦	Clinical Data / Other clinical information	117 件	42 件
合計 ⁴		178 件	115 件

⁴ 抽出項目間の重複を除いた件数を示す。

4.2 重要な文献等のリスト

3.2 で検索及びリストアップし、4.1 において選定された重要な文献等は、以下に示すとおりである。

4.2.1 麦類

4.2.1.1 原著文献

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
1	10	A Al-Ghonaim et al.	Prevalence of wheat allergy in Al-Kharj, Saudi Arabia	なし	2013	J Ayub Med Coll Abbottabad.2013;25:52-56.	https://www.ncbi.nlm.nih.gov/pubmed/25098054
2	11	B Niggemann et al.	Outcome of double-blind, placebo-controlled food challenge tests in 107 children with atopic dermatitis	10.1046/j.1365-2222.1999.00454.x	1999	Clin Exp Allergy. 1999; 29:91-96.	https://www.ncbi.nlm.nih.gov/pubmed/?term=10051707
3	12	B Simonato et al.	IgE binding to soluble and insoluble wheat flour proteins in atopic and non-atopic patients suffering from gastrointestinal symptoms after wheat ingestion	10.1046/j.1365-2222.2001.01200.x	2001	Clin Exp Allergy. 2001;31:1771-8.	https://www.ncbi.nlm.nih.gov/pubmed/11696054?dopt=Abstract
4	22	M Hiemori et al.	Characterization of New 18-kDa IgE-Binding Proteins in Beer	10.1271/bbb.70584	2008	Biosci Biotechnol Biochem. 2008;72:1095-1098.	http://doi.org/10.1271/bbb.70584
5	26	A Armentia et al.	Allergy after ingestion or inhalation of cereals involves similar allergens in different ages	10.1046/j.1365-2745.2002.01456.x	2002	Clin Exp Allergy. 2002;32:1216-1222.	http://doi.org/10.1046/j.1365-2745.2002.01456.x
6	32	A Nemni et al.	Barley's lipid transfer protein: a new emerging allergen in pediatric anaphylaxis	10.1111/pai.12062	2013	Pediatr Allergy Immunol. 2013;24:410-1.	https://www.ncbi.nlm.nih.gov/pubmed/23551300
7	36	E Varjonen et al.	Skin - prick test and RAST responses to cereals in children with atopic dermatitis	10.1111/j.1365-2222.1995.tb03257.x	1995	Clin Exp Allergy. 1995;25:1100-7.	https://www.ncbi.nlm.nih.gov/pubmed/8581843?dopt=Abstract
8	37	J Snegaroff et al.	Barley γ 3-hordein: Glycosylation at an atypical site, disulfide bridge analysis, and reactivity with IgE from patients allergic to wheat	10.1016/j.bbapap.2012.07.016	2013	Biochim Biophys Acta. 2013;1834:395-403.	http://doi.org/10.1016/j.bbapap.2012.07.016

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
9	39	E Varjonen et al.	IgE-binding components of wheat, rye, barley and oats recognized by immunoblotting analysis with sera from adult atopic dermatitis patients	10.1111/j.1365-2222.1994.tb00938.x	1994	Clin Exp Allergy. 1994;24:481-9.	https://www.ncbi.nlm.nih.gov/pubmed/8087661?dopt=Abstract
10	62	H Majamaa et al.	Wheat allergy: diagnostic accuracy of skin prick and patch tests and specific IgE	10.1034/j.1398-9995.1999.00081.x	1999	Allergy. 1999;54:851-6.	https://www.ncbi.nlm.nih.gov/pubmed/10485389?dopt=Abstract
11	85	A Palacin et al.	Graph Based Study of Allergen Cross-Reactivity of Plant Lipid Transfer Proteins (LTPs) Using Microarray in a Multicenter Study	10.1371/journal.pone.0050799	2012	PLoS One. 2012;7:e50799.	https://www.ncbi.nlm.nih.gov/pubmed/23272072
12	95	L Räsänen et al.	Allergy to ingested cereals in atopic children	10.1111/j.1398-9995.1994.tb00790.x	1994	Allergy. 1994;49:871-6.	https://www.ncbi.nlm.nih.gov/pubmed/7535982?dopt=Abstract
13	113	M De Angelis et al.	Probiotic preparation has the capacity to hydrolyze proteins responsible for wheat allergy	10.4315/0362-028X-70.1.135	2007	J Food Prot. 2007;70:135-144.	http://doi.org/10.4315/0362-028X-70.1.135
14	136	SM Jones et al.	Immunologic cross-reactivity among cereal grains and grasses in children with food hypersensitivity	10.1016/S0091-6749(95)70053-6	1995	J Allergy Clin Immunol. 1995;96:341-51.	https://www.ncbi.nlm.nih.gov/pubmed/7560636?dopt=Abstract
15	138	Å Gaspar et al.	One-year survey of paediatric anaphylaxis in an allergy department	なし	2015	Eur Ann Allergy Clin Immunol. 2015;47:197-205.	https://www.ncbi.nlm.nih.gov/pubmed/26549337
16	174	A Khayatzadeh et al.	A safe and effective method for wheat oral immunotherapy	なし	2016	Iran J Allergy Asthma Immunol. 2016;15:525-535.	https://www.ncbi.nlm.nih.gov/pubmed/28129685
17	175	A Kotaniemi-Syrjänen et al.	The prognosis of wheat hypersensitivity in children	10.1111/j.1399-3038.2009.00946.x	2010	Pediatr Allergy Immunol. 2010;21:e421-e428.	http://doi.org/10.1111/j.1399-3038.2009.00946.x
18	214	A Nakamura et al.	Primary screening of relatively less allergenic wheat varieties	10.3177/jnsv.51.204	2005	J Nutr Sci Vitaminol (Tokyo).2005;51:204-206.	https://www.ncbi.nlm.nih.gov/pubmed/16161773

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
19	226	G Garcia-Casado et al.	Isolation and characterization of barley lipid transfer protein and protein Z as beer allergens	10.1067/mai.2001.118793	2001	J Allergy Clin Immunol. 2001;108:647-649.	http://doi.org/10.1067/mai.2001.118793
20	246	A Pahlavan et al.	Effects of grain species and cultivar, thermal processing, and enzymatic hydrolysis on gluten quantitation	10.1016/j.foodchem.2016.03.092	2016	Food Chemistry.2016;208:264-71.	http://doi.org/10.1016/j.foodchem.2016.03.092
21	250	A Palacin et al.	Allergy to kiwi in patients with baker's asthma: Identification of potential cross-reactive allergens	10.1016/S1081-1206(10)60210-4	2008	Ann Allergy Asthma Immunol. 2008;101:200-205.	http://doi.org/10.1016/S1081-1206(10)60210-4
22	253	L Perrocheau et al.	Probing heat-stable water-soluble proteins from barley to malt and beer	10.1002/pmic.200401153	2005	Proteomics. 2005;5:2849-2858.	http://doi.org/10.1002/pmic.200401153
23	254	A Palacin et al.	Recombinant lipid transfer protein Tri a 14: A novel heat and proteolytic resistant tool for the diagnosis of baker's asthma	10.1111/j.1365-2222.2009.03280.x	2009	Clin Exp Allergy. 2009;39:1267-1276.	http://doi.org/10.1111/j.1365-2222.2009.03280.x
24	256	A Palacin et al.	Anaphylaxis to wheat flour-derived foodstuffs and the lipid transfer protein syndrome: A potential role of wheat lipid transfer protein tri a 14	10.1159/000265539	2010	Int Arch Allergy Immunol. 2010;152:178-183.	http://doi.org/10.1159/000265539
25	258	A Palacin et al.	Wheat lipid transfer protein is a major allergen associated with baker's asthma	10.1016/j.jaci.2007.07.008	2007	J Allergy Clin Immunol. 2007;120:1132-1138.	http://doi.org/10.1016/j.jaci.2007.07.008
26	274	S Denery-Papini et al.	Allergy to deamidated gluten in patients tolerant to wheat: specific epitopes linked to deamidation	10.1111/j.1398-9995.2012.02860.x	2012	Allergy. 2012;67:1023-1032.	http://doi.org/10.1111/j.1398-9995.2012.02860.x
27	287	J Leszczynska et al.	The effect of enzymatic modification and genetic background on wheat gliadin immunological properties	10.1080/09540105.2012.682564	2013	Food Agric Immunol. 2013;24:217-230	http://dx.doi.org/10.1080/09540105.2012.682564
28	290	E Morita et al.	Fast ω -gliadin is a major allergen in wheat-dependent exercise-induced anaphylaxis	10.1016/S0923-1811(03)00156-7	2003	Dermatol Sci. 2003;33:99-104.	http://doi.org/10.1016/S0923-1811(03)00156-7
29	292	M Lauriere et al.	Genetic differences in omega-gliadins involved in two different immediate food hypersensitivities to wheat	10.1111/j.1398-9995.2007.01456.x	2007	Allergy. 2007;62:890-896.	http://doi.org/10.1111/j.1398-9995.2007.01456.x

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
30	294	H Matsuo et al.	Identification of the IgE-binding Epitope in ω -5 Gliadin, a Major Allergen in Wheat-dependent Exercise-induced Anaphylaxis	10.1074/jbc.M311340200	2004	J Biol Chem. 2004;279:12135-12140.	http://doi.org/10.1074/jbc.M311340200
31	295	CP Sandiford et al.	Identification of the major water/salt insoluble wheat proteins involved in cereal hypersensitivity	10.1111/j.1365-2222.1997.tb01148.x	1997	Clin Exp Allergy. 1997;27:1120-1129.	http://doi.org/10.1111/j.1365-2222.1997.tb01148.x
32	300	A Skoczowski et al.	Antibody reactivity in patients with IgE-mediated wheat allergy to various subunits and fractions of gluten and non-gluten proteins from ω -gliadin-free wheat genotypes	10.5604/12321966.1233572	2017	Ann Agric Environ Med. 2017;24:229-236.	http://doi.org/10.5604/12321966.1233572
33	301	S Denery-Papini et al.	Influence of the Allelic Variants Encoded at the Gli-B1 Locus, Responsible for a Major Allergen of Wheat, on IgE Reactivity for Patients Suffering from Food Allergy to Wheat	10.1021/jf062749k	2007	J Agric Food Chem. 2007;55:799-805.	http://doi.org/10.1021/jf062749k
34	305	H Matsuo et al.	Molecular cloning, recombinant expression and IgE-binding epitope of ω -5 gliadin, a major allergen in wheat-dependent exercise-induced anaphylaxis	10.1111/j.1742-4658.2005.04858.x	2005	FEBS J. 2005;272:4431-4438.	http://doi.org/10.1111/j.1742-4658.2005.04858.x
35	306	L Uvackova et al.	MS ^E Based Multiplex Protein Analysis Quantified Important Allergenic Proteins and Detected Relevant Peptides Carrying Known Epitopes in Wheat Grain Extracts	10.1021/pr400336f	2013	J Proteome Res. 2013;12:4862-4869.	http://doi.org/10.1021/pr400336f
36	309	H Mameri et al.	A recombinant ω -gliadin-like D-type glutenin and an α gliadin from wheat (<i>Triticum aestivum</i>): two immunoglobulin E binding proteins, useful for the diagnosis of wheat-dependent allergies	10.1021/jf301992w	2012	J Agric Food Chem. 2012;60:8059-8068.	http://doi.org/10.1021/jf301992w

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
37	315	H Matsuo et al.	Specific IgE Determination to Epitope Peptides of ω -5 Gliadin and High Molecular Weight Glutenin Subunit Is a Useful Tool for Diagnosis of Wheat-Dependent Exercise-Induced Anaphylaxis	10.4049/jimmunol.175.12.8116	2005	J Immunol. 2005;175:8116-8122.	http://doi.org/10.4049/jimmunol.175.12.8116
38	319	K Palosuo et al.	Transglutaminase-mediated cross-linking of a peptic fraction of ω -5 gliadin enhances IgE reactivity in wheat-dependent, exercise-induced anaphylaxis	10.1067/mai.2003.1498	2003	J Allergy Clin Immunol. 2003;111:1386-1392.	http://doi.org/10.1067/mai.2003.1498
39	325	T Yokooji et al.	Characterization of Causative Allergens for Wheat-Dependent Exercise-Induced Anaphylaxis Sensitized with Hydrolyzed Wheat Proteins in Facial Soap	10.2332/allergolint.13-OA-0561	2013	Allergol Int. 2013;62:435-445.	http://doi.org/10.2332/allergolint.13-OA-0561
40	329	A Verstege et al.	The predictive value of the skin prick test weal size for the outcome of oral food challenges	10.1111/j.1365-2222.2005.2324.x	2005	Clin Exp Allergy. 2005;35:1220-1226.	http://doi.org/10.1111/j.1365-2222.2005.2324.x
41	331	R Tokuda et al.	Antigen-Induced Expression of CD203c on Basophils Predicts IgE-mediated Wheat Allergy	10.2332/allergolint.08-OA-0023	2009	Allergol Int. 2009;58:193-199.	http://doi.org/10.2332/allergolint.08-OA-0023
42	337	F Battais et al.	Food allergy to wheat: identification of immunoglobulin E and immunoglobulin G-binding proteins with sequential extracts and purified proteins from wheat flour	10.1046/j.1365-2222.2003.01592.x	2003	Clin Exp Allergy. 2003;33:962-970.	http://doi.org/10.1046/j.1365-2222.2003.01592.x
43	340	Y Chinuki et al.	Higher allergenicity of high molecular weight hydrolysed wheat protein in cosmetics for percutaneous sensitization	10.1111/j.1600-0536.2012.02168.x	2013	Contact Derm. 2013;68:86-93.	http://doi.org/10.1111/j.1600-0536.2012.02168.x
44	342	M Lehto et al.	Humoral and cellular responses to gliadin in wheat-dependent, exercise-induced anaphylaxis	10.1046/j.1365-2222.2003.01568.x	2003	Clin Exp Allergy. 2003;33:90-95.	http://doi.org/10.1046/j.1365-2222.2003.01568.x

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
45	347	K Ito et al.	IgE antibodies to omega-5 gliadin associate with immediate symptoms on oral wheat challenge in Japanese children	10.1111/j.1398-9995.2008.01753.x	2008	Allergy. 2008;63:1536-1542.	http://doi.org/10.1111/j.1398-9995.2008.01753.x
46	351	I Bouchez-Mahiout et al.	Low Molecular Weight Glutenins in Wheat-Dependant, Exercise-Induced Anaphylaxis: Allergenicity and Antigenic Relationships with Omega 5-Gliadins	10.1159/000301577	2010	Int Arch Allergy Immunol. 2010;153:35-45.	http://doi.org/10.1159/000301577
47	352	K Palosuo et al.	Rye γ -70 and γ -35 secalins and barley γ -3 hordein cross-react with ω -5 gliadin, a major allergen in wheat-dependent, exercise-induced anaphylaxis	10.1046/j.1365-2222.2001.01023.x	2001	Clin Exp Allergy. 2001;31:466-473.	http://doi.org/10.1046/j.1365-2222.2001.01023.x
48	359	J Snegaroff et al.	Study of IgE Antigenic Relationships in Hypersensitivity to Hydrolyzed Wheat Proteins and Wheat-Dependent Exercise-Induced Anaphylaxis	10.1159/000091165	2006	Int Arch Allergy Immunol. 2006;139:201-208.	http://doi.org/10.1159/000091165
49	365	K Palosuo et al.	Wheat ω -5 gliadin is a major allergen in children with immediate allergy to ingested wheat	10.1067/mai.2001.118602	2001	J Allergy Clin Immunol. 2001;108:634-638.	http://doi.org/10.1067/mai.2001.118602
50	368	PP Cai & J Yin	Association between single nucleotide polymorphisms and wheat-dependent exercise-induced anaphylaxis in Chinese population	なし	2013	Chin Med J (Engl). 2013;126:1159-1165.	https://www.ncbi.nlm.nih.gov/pubmed/?term=23506598
51	381	尾辻 健太ら	ω -5 グリアジン特異的 IgE 抗体検査の臨床的有用性について	10.15036/arerugi.60.971	2011	アレルギー. 2011;60:971-982.	http://doi.org/10.15036/arerugi.60.971
52	390	N Nilsson et al.	Combining Analyses of Basophil Allergen Threshold Sensitivity, CD-sens, and IgE Antibodies to Hydrolyzed Wheat, ω -5 Gliadin and Timothy Grass Enhances the Prediction of Wheat Challenge Outcome	10.1159/000350923	2013	Int Arch Allergy Immunol. 2013;162:50-57.	http://doi.org/10.1159/000350923

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
53	397	M Loibl et al.	Definition of an exercise intensity threshold in a challenge test to diagnose food-dependent exercise-induced anaphylaxis	10.1111/j.1398-9995.2009.02103.x	2009	Allergy. 2009;64:1560-1561.	http://doi.org/10.1111/j.1398-9995.2009.02103.x
54	401	R Nakamura et al.	Evaluation of Allergenicity of Acid-Hydrolyzed Wheat Protein Using an in vitro Elicitation Test	10.1159/000341671	2013	Int Arch Allergy Immunol. 2013;160:259-264.	http://doi.org/10.1159/000341671
55	406	H Fujii et al.	Food-Dependent Exercise-Induced Anaphylaxis Induced by Low Dose Aspirin Therapy	10.2332/allergolint.C-07-53	2008	Allergol Int. 2008;57:97-98.	http://doi.org/10.2332/allergolint.C-07-53
56	411	原田 晋ら	グルテン CAP-RAST が陰性であった小麦依存性運動誘発アナフィラキシーの 4 症例	10.15036/arerugi.56.41	2007	アレルギー. 2007;56:41-48.	http://doi.org/10.15036/arerugi.56.41
57	416	T Daengsuwan et al.	IgE antibodies to omega-5 gliadin in children with wheat-induced anaphylaxis	10.1111/j.1398-9995.2004.00656.x	2005	Allergy. 2005;60:506-509.	http://doi.org/10.1111/j.1398-9995.2004.00656.x
58	417	B Simonato et al.	Food allergy to wheat products: The effect of bread baking and in vitro digestion on wheat allergenic proteins	10.1021/jf0104984	2001	J Agric Food Chem.2001;49:5668-5673.	http://doi.org/10.1021/jf0104984
59	420	S Jacquenet et al.	Interest of ImmunoCAP System to Recombinant ω -5 Gliadin for the Diagnosis of Exercise-Induced Wheat Allergy	10.1159/000176309	2009	Int Arch Allergy Immunol. 2009;149:74-80.	http://doi.org/10.1159/000176309
60	430	E Morita et al.	Prevalence of Wheat Allergy in Japanese Adults	10.2332/allergolint.11-OA-0345	2012	Allergol Int. 2012;61:101-105.	http://doi.org/10.2332/allergolint.11-OA-0345
61	443	平群 真記子ら	加水分解コムギ含有石鹼の使用後に発症した小麦依存性運動誘発アナフィラキシーとその経過について	10.15036/arerugi.60.1630	2011	アレルギー 2011;60:1630-1640.	http://doi.org/10.15036/arerugi.60.1630
62	447	H Matsuo et al.	Sensitivity and specificity of recombinant ω -5 gliadin-specific IgE measurement for the diagnosis of wheat-dependent exercise-induced anaphylaxis	10.1111/j.1398-9995.2007.01504.x	2008	Allergy. 2008;63:233-236.	http://doi.org/10.1111/j.1398-9995.2007.01504.x

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
63	449	K Kohno et al.	Serum Gliadin Monitoring Extracts Patients with False Negative Results in Challenge Tests for the Diagnosis of Wheat-Dependent Exercise-Induced Anaphylaxis	10.2332/allergolint.12-OA-0495	2013	Allergol Int. 2013;62:229-238.	http://doi.org/10.2332/allergolint.12-OA-0495
64	454	R Shibata et al.	Usefulness of specific IgE antibodies to ω-5 gliadin in the diagnosis and follow-up of Japanese children with wheat allergy	10.1016/j.anai.2011.07.013	2011	Ann Allergy Asthma Immunol. 2011;107:337-343.	http://doi.org/10.1016/j.anai.2011.07.013
65	457	杉山 晃子 ら	お茶石鹼使用開始後に発症した小麦によるアナフィラキシーおよび小麦依存性運動誘発アナフィラキシーの 12 例	10.15036/arerugi.60.1532	2011	アレルギー. 2011;60:1532-1542.	http://doi.org/10.15036/arerugi.60.1532
66	459	GK Wong et al.	Wheat dependent exercise induced anaphylaxis: is this an appropriate terminology?	10.1136/jcp.2010.078808	2010	J Clin Pathol. 2010;63:814-817.	http://doi.org/10.1136/jcp.2010.078808
67	461	J Fischer et al.	Wheat-dependent exercise-induced anaphylaxis exclusively during menstruation	10.1111/j.1398-9995.2010.02356.x	2010	Allergy. 2010;65:1347-1348.	http://doi.org/10.1111/j.1398-9995.2010.02356.x
68	463	C Constantin et al.	Micro-arrayed wheat seed and grass pollen allergens for component-resolved diagnosis	10.1111/j.1398-9995.2009.01955.x	2009	Allergy. 2009;64:1030-1037.	http://doi.org/10.1111/j.1398-9995.2009.01955.x
69	477	K Palosuo et al.	A novel wheat gliadin as a cause of exercise-induced anaphylaxis	10.1016/S0091-6749(99)70438-0	1999	J Allergy Clin Immunol. 1999;103:912-917.	http://doi.org/10.1016/S0091-6749(99)70438-0
70	479	M Akagawa et al.	Proteomic Analysis of Wheat Flour Allergens	10.1021/jf070843a	2007	J Agric Food Chem. 2007;55:6863-6870.	http://doi.org/10.1021/jf070843a
71	498	C Lombardo et al.	Study on the Immunoreactivity of Triticum monococcum (Einkorn) Wheat in Patients with Wheat-Dependent Exercise-Induced Anaphylaxis for the Production of Hypoallergenic Foods	10.1021/acs.jafc.5b02648	2015	J Agric Food Chem.2015;63:8299-8306.	http://doi.org/10.1021/acs.jafc.5b02648
72	499	A Baar et al.	The high molecular weight glutenin subunit Bx7 allergen from wheat contains repetitive IgE epitopes	10.1111/all.12464	2014	Allergy. 2014;69:1316-1323.	http://doi.org/10.1111/all.12464

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
73	506	M Kusaba-Nakayama et al.	CM3, one of the wheat α -amylase inhibitor subunits, and binding of IgE in sera from Japanese with atopic dermatitis related to wheat	10.1016/S0278-6915(99)00143-X	2000	Food Chem Toxicol. 2000;38:179-185.	http://doi.org/10.1016/S0278-6915(99)00143-X
74	509	C Oole-Groen et al.	Double-blind food challenges in a general hospital: Useful and safe, but not without pitfalls	なし	2013	Ned Tijdschr Geneeskd.2013;157.	https://www.ncbi.nlm.nih.gov/pubmed/23464587
75	513	R Lupi et al.	How much does transgenesis affect wheat allergenicity? Assessment in two GM lines over-expressing endogenous genes	10.1016/j.jprot.2013.01.028	2013	J Proteomics. 2013;80:281-291.	http://doi.org/10.1016/j.jprot.2013.01.028
76	516	B Simonato et al.	Immunochemical and Mass Spectrometry Detection of Residual Proteins in Gluten Fined Red Wine	10.1021/jf104490z	2011	J Agric Food Chem. 2011;59:3101-3110.	http://doi.org/10.1021/jf104490z
77	523	C Roe et al.	Recognizing and managing food-dependent exercise-induced anaphylaxis	10.12968/hmed.2016.77.3.190	2016	Br J Hosp Med (Lond). 2016;77:190-191.	http://doi.org/10.12968/hmed.2016.77.3.190
78	535	JM James et al.	Wheat α -amylase inhibitor: a second route of allergic sensitization	10.1016/S0091-6749(97)70103-9	1997	J Allergy Clin Immunol. 1997;99:239-244.	http://doi.org/10.1016/S0091-6749(97)70103-9
79	537	R Sanchez-Monge et al.	Wheat and barley allergens associated with baker's asthma	10.1042/bj2810401	1992	Biochem J. 1992;281:401-405.	http://doi.org/10.1042/bj2810401
80	544	L Zapatero et al.	Oral wheat flour anaphylaxis related to wheat α -amylase inhibitor subunits CM3 and CM16	10.1034/j.1398-9995.2003.00158.x	2003	Allergy. 2003;58:-956.	http://doi.org/10.1034/j.1398-9995.2003.00158.x
81	554	A Baar et al.	Molecular and Immunological Characterization of Tri a 36, a Low Molecular Weight Glutenin, as a Novel Major Wheat Food Allergen	10.4049/jimmunol.1200438	2012	J Immunol. 2012;189:3018-3025.	http://doi.org/10.4049/jimmunol.1200438
82	557	J Snegaroff et al.	Recombinant Proteins and Peptides as Tools for Studying IgE Reactivity with Low-Molecular-Weight Glutenin Subunits in Some Wheat Allergies	10.1021/jf071432x	2007	J Agric Food Chem. 2007;55:9837-9845.	http://doi.org/10.1021/jf071432x
83	559	S Pahr et al.	α -Purothionin, a new wheat allergen associated with severe allergy	10.1016/j.jaci.2013.05.016	2013	J Allergy Clin Immunol. 2013;132:1000-3.	http://doi.org/10.1016/j.jaci.2013.05.016

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
84	565	S Pahr et al.	Biochemical, Biophysical and IgE-Epitope Characterization of the Wheat Food Allergen, Tri a 37	10.1371/journal.pone.0111483	2014	PLoS One. 2014;9:e111483.	http://doi.org/10.1371/journal.pone.0111483
85	567	D Doğruel et al.	Clinical features of food allergy during the 1st year of life: The ADAPAR birth cohort study	10.1159/000444639	2016	Int Arch Allergy Immunol. 2016;169:171-180.	http://doi.org/10.1159/000444639
86	572	F Battais et al.	Identification of IgE-binding epitopes on gliadins for patients with food allergy to wheat	10.1111/j.1398-9995.2005.00795.x	2005	Allergy. 2005;60:815-821.	http://doi.org/10.1111/j.1398-9995.2005.00795.x
87	575	N Maruyama et al.	Identification of major wheat allergens by means of the Escherichia coli expression system	10.1046/j.1432-1327.1998.2550739.x	1998	Eur J Biochem. 1998;255:739-745.	http://doi.org/10.1046/j.1432-1327.1998.2550739.x
88	603	D Perkins et al.	Food- and exercise-induced anaphylaxis: Importance of history in diagnosis	10.1016/S1081-1206(10)61905-9	2002	Ann Allergy Asthma Immunol. 2002;89:15-23.	http://doi.org/10.1016/S1081-1206(10)61905-9
89	606	YH Yong et al.	Effects of Enzymatic Deamidation by Protein-Glutaminase on Structure and Functional Properties of Wheat Gluten	10.1021/jf060344u	2006	J Agric Food Chem. 2006;54:6034-6040.	http://doi.org/10.1021/jf060344u
90	609	R Abe et al.	Evaluation of the Reduced Allergenicity of Deamidated Gliadin in a Mouse Model of Wheat-Gliadin Allergy Using an Antibody Prepared by a Peptide Containing Three Epitopes	10.1021/jf4034078	2014	J Agric Food Chem. 2014;62:2845-2852.	http://doi.org/10.1021/jf4034078
91	610	D Rodríguez Del Río et al.	Oral immunotherapy in children with IgE-mediated wheat allergy: Outcome and molecular changes	なし	2014	J Investig Allergol Clin Immunol. 2014;24:240-248.	https://www.ncbi.nlm.nih.gov/pubmed/25219106
92	613	S Tanabe	IgE-binding abilities of pentapeptides, QQPF and PQQPF, in Wheat Gliadin	10.3177/jnsv.50.367	2004	J Nutr Sci Vitaminol (Tokyo). 2004;50:367-370.	http://doi.org/10.3177/jnsv.50.367
93	615	H Kumagai et al.	Improvement of Digestibility, Reduction in Allergenicity, and Induction of Oral Tolerance of Wheat Gliadin by Deamidation	10.1271/bbb.60645	2007	Biosci Biotechnol Biochem. 2007;71:977-985.	http://doi.org/10.1271/bbb.60645
94	633	D Villalta et al.	A case of rice allergy in a patient with baker's asthma	なし	2012	Eur Ann Allergy Clin Immunol. 2012;44:207-209.	https://www.ncbi.nlm.nih.gov/pubmed/23156070

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
95	637	E Varjonen et al.	Antigliadin IgE-indicator of wheat allergy in atopic dermatitis	10.1034/j.1398-9995.2000.00451.x	2000	Allergy. 2000;55:386-391.	http://doi.org/10.1034/j.1398-9995.2000.00451.x
96	644	JY Lee et al.	Gliadin-specific IgE in wheat-dependent exercise-induced anaphylaxis	10.2500/aap.2008.29.3175	2008	Allergy Asthma Proc. 2008;29:614-621.	http://doi.org/10.2500/aap.2008.29.3175
97	647	M Mesa-Del-Castillo et al.	IgE binding to pepsin-digested water soluble and insoluble wheat proteins	10.1111/j.1398-9995.2004.00447.x	2004	Allergy. 2004;59:1229-1232.	http://doi.org/10.1111/j.1398-9995.2004.00447.x
98	648	D Mittag et al.	Immunoglobulin E-reactivity of wheat-allergic subjects (baker's asthma, food allergy, wheat-dependent, exercise-induced anaphylaxis) to wheat protein fractions with different solubility and digestibility	10.1002/mnfr.200400016	2004	Mol Nutr Food Res. 2004;48:380-389.	http://doi.org/10.1002/mnfr.200400016
99	662	E Heffler et al.	Clinical manifestations, co-sensitizations, and immunoblotting profiles of buckwheat-allergic patients	10.1111/j.1398-9995.2010.02469.x	2011	Allergy.2011;66:264-70.	http://doi.org/10.1111/j.1398-9995.2010.02469.x
100	710	E Pastorello et al.	Wheat IgE-mediated food allergy in european patients: α -amylase inhibitors, lipid transfer proteins and low-molecular-weight glutenins - Allergenic molecules recognized by double-blind, placebo-controlled food challenge	10.1159/000102609	2007	Int Arch Allergy Immunol. 2007;144:10-22.	http://doi.org/10.1159/000102609
101	733	T Matsumoto & T Miyazaki	Systemic urticaria in an infant after ingestion of processed food that contained a trace quantity of wheat	10.1016/S1081-1206(10)61453-6	2004	Ann Allergy Asthma Immunol. 2004;93:98-100.	http://doi.org/10.1016/S1081-1206(10)61453-6
102	743	F Ali	A Survey of Self-Reported Food Allergy and Food-Related Anaphylaxis among Young Adult Students at Kuwait University, Kuwait	10.1159/000464361	2017	Med Princ Pract.2017;26:229-234.	http://doi.org/10.1159/000464361

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
103	763	H Matsuo et al.	Exercise and aspirin increase levels of circulating gliadin peptides in patients with wheat-dependent exercise-induced anaphylaxis	10.1111/j.1365-2222.2005.02213.x	2005	Clin Exp Allergy. 2005;35:461-466.	http://doi.org/10.1111/j.1365-2222.2005.02213.x
104	776	I Bouchez-Mahiout et al.	High Molecular Weight Entities in Industrial Wheat Protein Hydrolysates Are Immunoreactive with IgE from Allergic Patients	10.1021/jf903973x	2010	J Agric Food Chem. 2010;58:4207-4215.	http://doi.org/10.1021/jf903973x
105	790	AJ Perez-Pimiento et al.	Late-Onset Food Hypersensitivity to Wheat Flour	なし	2007	J Investig Allergol Clin Immunol. 2007;17:202-203.	http://www.jiaci.org/issues/vol17issue03/14to17.pdf
106	794	G Borysewicz et al. 【原著なし】	Relation between specific IgE antibodies to grass pollens and to wheat, rye, soya in children with allergic disease	なし	2001	Med Wieku Rozwoj.2001;5:359-366.	https://www.ncbi.nlm.nih.gov/pubmed/12004143
107	813	K Brockow et al.	Using a gluten oral food challenge protocol to improve diagnosis of wheat-dependent exercise-induced anaphylaxis	10.1016/j.jaci.2014.08.024	2015	J Allergy Clin Immunol. 2015;135:977-984.e4.	http://doi.org/10.1016/j.jaci.2014.08.024
108	817	F Battais et al. 【原著なし】	Wheat flour allergy: an entire diagnostic tool for complex allergy	なし	2006	Eur Ann Allergy Clin Immunol. 2006;38:59-61.	https://www.ncbi.nlm.nih.gov/pubmed/?term=16711538
109	818	H Matsuo et al.	Identification of IgE-reactive proteins in patients with wheat protein contact dermatitis	10.1111/j.1600-0536.2010.01741.x	2010	Contact Derm. 2010;63:23-30.	http://doi.org/10.1111/j.1600-0536.2010.01741.x
110	825	G Kanny et al.	Chronic urticaria to wheat	10.1034/j.1398-9995.2001.00050.x	2001	Allergy. 2001;56:356-357.	http://doi.org/10.1034/j.1398-9995.2001.00050.x
111	844	C Constantin et al.	Different Profiles of Wheat Antigens Are Recognised by Patients Suffering from Coeliac Disease and IgE-Mediated Food Allergy	10.1159/000088727	2005	Int Arch Allergy Immunol. 2005;138:257-266.	http://doi.org/10.1159/000088727

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
112	845	G Norrman et al.	Significant improvement of eczema with skin care and food elimination in small children	10.1080/08035250510036831	2005	Acta Paediatr. 2005;94:1384-1388.	https://www.researchgate.net/publication/7468528_Significant_improvement_of_eczema_with_skin_care_and_food_elimination_in_small_children
113	866	H Akiyama et al.	Profile Analysis and Immunoglobulin E Reactivity of Wheat Protein Hydrolysates	10.1159/000092000	2006	Int Arch Allergy Immunol. 2006;140:36-42.	http://doi.org/10.1159/000092000
114	878	H Chen et al.	Clinical and laboratory features, and quality of life assessment in wheat dependent exercise-induced anaphylaxis patients from central China	10.1007/s11596-016-1601-z	2016	J Huazhong Univ Sci Technolog Med Sci.2016;36:410-415.	http://doi.org/10.1007/s11596-016-1601-z
115	880	H Esaki et al.	Levels of immunoglobulin E specific to the major food allergen and chemokine (C-C motif) ligand (CCL)17/thymus and activation regulated chemokine and CCL22/macrophage-derived chemokine in infantile atopic dermatitis on Ishigaki Island	10.1111/1346-8138.13360	2016	J Dermatol.2016;43:1278-1282.	http://doi.org/10.1111/1346-8138.13360
116	884	A Armentia et al.	Allergy after inhalation and ingestion of cereals involve different allergens in allergic and celiac disease	10.2174/187221308783399234	2008	J Recent Pat Inflamm Allergy Drug Discov. 2008;2:47-57.	http://doi.org/10.2174/187221308783399234
117	888	狩野 博嗣 ら	食物依存性運動誘発アナフィラキシー患者 18 例の 2 年から 10 年にわたる臨床経過の検討	10.15036/arerugi.49.472	2000	アレルギー. 2000;49:472-478.	http://europepmc
118	891	C Constantin et al.	Detection of Antigens Reactive to IgE and IgA during Wheat Seed Maturation and in Different Wheat Cultivars	10.1159/000199713	2009	Int Arch Allergy Immunol. 2009;149:181-187.	http://doi.org/10.1159/000199713

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
119	892	M de Gregorio et al.	Salt-Soluble Proteins from Wheat-Derived Foodstuffs Show Lower Allergenic Potency than Those from Raw Flour	10.1021/jf803475v	2009	J Agric Food Chem. 2009;57:3325-3330.	http://doi.org/10.1021/jf803475v
120	902	H Mameri et al.	Immunoglobulin-E reactivity and structural analysis of wheat low-molecular-weight glutenin subunits and their repetitive and nonrepetitive halves	10.1021/jf3007568	2012	J Agric Food Chem.2012;60:7538-7547.	http://doi.org/10.1021/jf3007568
121	906	H Mameri et al.	Molecular and immunological characterization of wheat Serpin (Tri a 33)	10.1002/mnfr.201200244	2012	Mol Nutr Food Res. 2012;56:1874-1883.	http://doi.org/10.1002/mnfr.201200244
122	926	C Larre et al.	Assessment of allergenicity of diploid and hexaploid wheat genotypes: Identification of allergens in the albumin/globulin fraction	10.1016/j.jprot.2011.03.014	2011	J Proteomics. 2011;74:1279-1289.	http://doi.org/10.1016/j.jprot.2011.03.014
123	942	J Golias et al.	Identification of Rice Proteins Recognized by the IgE Antibodies of Patients with Food Allergies	10.1021/jf402759f	2013	J Agric Food Chem. 2013;61:8851-8860.	http://doi.org/10.1021/jf402759f
124	974	I Stefańska et al.	Selection of lactic acid bacteria strains for the hydrolysis of allergenic proteins of wheat flour	10.1002/jsfa.7588	2016	J Sci Food Agric. 2016;96:3897-3905.	http://doi.org/10.1002/jsfa.7588
125	993	DA Moneret-Vautrin et al.	Severe food anaphylaxis: 107 cases registered in 2002 by the Allergy Vigilance Network	なし	2004	Eur Ann Allergy Clin Immunol. 2004;36:46-51.	https://www.ncbi.nlm.nih.gov/pubmed/?term=15061394
126	1018	J Chen et al.	The prevalence of food allergy in infants in Chongqing, China	10.1111/j.1399-3038.2011.01139.x	2011	Pediatr Allergy Immunol. 2011;22:356-60.	http://doi.org/10.1111/j.1399-3038.2011.01139.x
127	1021	J Chen et al.	Prevalence of food allergy in children under 2 years of age in three cities in China	なし	2012	Zhonghua er ke za zhi. Chinese journal of pediatrics.2012;50:5-9.	https://www.ncbi.nlm.nih.gov/pubmed/22456067
128	1034	J Gaillard et al.	Food-dependent exercise-induced anaphylaxis : a stepwise diagnosis	なし	2017	Revue medicale suisse.2017;13:734-738.	https://www.ncbi.nlm.nih.gov/pubmed/28722361

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
129	1043	K Takagi et al.	Survey of Food and Airborne Allergen-specific IgE Levels in a General Population of 3-year-old Japanese Children	10.2332/allergolint.54.581	2005	J Allergol Int. 2005;54:581-587.	http://dx.doi.org/10.2332/allergolint.54.581
130	1046	C Venter et al.	Prevalence of sensitization reported and objectively assessed food hypersensitivity amongst six-year-old children: A population-based study	10.1111/j.1399-3038.2006.00428.x	2006	Pediatr Allergy Immunol. 2006;17:356-363.	http://doi.org/10.1111/j.1399-3038.2006.00428.x
131	1049	J Wang et al.	Food allergen sensitization in inner-city children with asthma	10.1016/j.jaci.2005.02.014	2005	J Allergy Clin Immunol. 2005;115:1076-1080.	http://doi.org/10.1016/j.jaci.2005.02.014
132	1071	J Molina-Infante et al.	Suspected Nonceliac Gluten Sensitivity Confirmed in Few Patients After Gluten Challenge in Double-Blind, Placebo-Controlled Trials	10.1016/j.cgh.2016.08.007	2017	Clin Gastroenterol Hepatol. 2017;15:339-348.	http://doi.org/10.1016/j.cgh.2016.08.007
133	1072	N Kalach et al. 【原著なし】	Survey of prick test, total and specific age during food allergy in children	なし	2007	Eur Ann Allergy Clin Immunol. 2007;39:51-57.	https://www.ncbi.nlm.nih.gov/pubmed/?term=17441416
134	1079	PM Matricardi et al.	Primary versus secondary immunoglobulin E sensitization to soy and wheat in the Multi-Centre Allergy Study cohort	10.1111/j.1365-2222.2007.02912.x	2008	Clin Exp Allergy. 2008;38:493-500.	http://doi.org/10.1111/j.1365-2222.2007.02912.x
135	1084	E Ostblom et al.	Patterns of quantitative food-specific IgE-antibodies and reported food hypersensitivity in 4-year-old children	10.1111/j.1398-9995.2007.01575.x	2008	Allergy. 2008;63:418-424.	http://doi.org/10.1111/j.1398-9995.2007.01575.x
136	1086	E Ostblom et al.	Reported symptoms of food hypersensitivity and sensitization to common foods in 4-year-old children	10.1111/j.1651-2227.2007.00556.x	2008	J Acta Paediatr. 2008;97:85-90.	http://doi.org/10.1111/j.1651-2227.2007.00556.x
137	1092	KA Vierk et al.	Prevalence of self-reported food allergy in American adults and use of food labels	10.1016/j.jaci.2007.03.011	2007	J Allergy Clin Immunol. 2007;119:1504-1510.	http://doi.org/10.1016/j.jaci.2007.03.011
138	1110	T Imamura et al.	A survey of patients with self-reported severe food allergies in Japan	10.1111/j.1399-3038.2007.00621.x	2008	Pediatr Allergy Immunol. 2008;19:270-274.	http://doi.org/10.1111/j.1399-3038.2007.00621.x
139	1120	E Ostblom et al.	Phenotypes of food hypersensitivity and development of allergic diseases during the first 8 years of life	10.1111/j.1365-2222.2008.03010.x	2008	Clin Exp Allergy. 2008;38:1325-1332.	http://doi.org/10.1111/j.1365-2222.2008.03010.x

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
140	1122	J Spergel et al.	Correlation of initial food reactions to observed reactions on challenges	10.1016/S1081-1206(10)61550-5	2004	Ann Allergy Asthma Immunol. 2004;92:217-24.	http://doi.org/10.1016/S1081-1206(10)61550-5
141	1128	HJ Tsai et al.	Familial aggregation of food allergy and sensitization to food allergens: a family-based study	10.1111/j.1365-2222.2008.03111.x	2009	Clin Exp Allergy. 2009;39:101-109.	http://doi.org/10.1111/j.1365-2222.2008.03111.x
142	1134	A Baatenburg de Jong et al.	Sensitization patterns to food and inhalant allergens in childhood: A comparison of non-sensitized, monosensitized, and polysensitized children	10.1111/j.1399-3038.2010.00993.x	2011	Pediatr Allergy Immunol. 2011;22:166-171.	http://doi.org/10.1111/j.1399-3038.2010.00993.x
143	1142	J Watanabe et al.	IgE-reactive 60 kDa glycoprotein occurring in wheat flour	10.1271/bbb.65.2102	2001	Biosci Biotechnol Biochem. 2001;65:2102-2105.	http://doi.org/10.1271/bbb.65.2102
144	1148	G Ferrari & PA Eng	IgE-mediated food allergies in Swiss infants and children	10.4414/smw.2011.13269	2011	Swiss Med Wkly. 2011;141:w13269.	http://doi.org/10.4414/smw.2011.13269
145	1149	K Allen et al.	4. Food allergy in childhood	なし	2006	Med J Aust.2006;185:394-400.	https://www.mja.com.au/journal/2006/185/74-food-allergy-childhood
146	1173	池松 かおりら	乳児期発症食物アレルギーに関する検討(第1報) 乳児アトピー性皮膚炎と食物アレルギーの関係	10.15036/arerugi.55.140	2006	アレルギー. 2006;55:140-150.	http://doi.org/10.15036/arerugi.55.140
147	1175	池松 かおりら	乳児期発症食物アレルギーに関する検討(第2報): 卵・牛乳・小麦・大豆アレルギーの3歳までの経年的変化	10.15036/arerugi.55.533	2006	アレルギー. 2006;55:533-541.	http://doi.org/10.15036/arerugi.55.533
148	1176	K Ito	Grain and legume allergy	10.1159/000375468	2015	Chem Immunol Allergy. 2015;101:145-151.	https://www.researchgate.net/publication/277407683_Grain_and_Legume_Allergy
149	1177	H Kristinsdottir et al.	Prevalence of food allergy in Icelandic infants during first year of life	なし	2011	J Laeknabladid. 2011;97:43422.	https://www.laeknabladid.is/tolublod/2011/01/nr/4093

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
150	1186	K Järvinen et al.	Epinephrine treatment is infrequent and biphasic reactions are rare in food-induced reactions during oral food challenges in children	10.1016/j.jaci.2009.10.006	2009	J Allergy Clin Immunol. 2009;124:1267-1272.	http://doi.org/10.1016/j.jaci.2009.10.006
151	1199	K Kohno et al.	Characterization of a hypoallergenic wheat line lacking ω -5 gliadin	10.1016/j.alit.2016.03.002	2016	Allergol Int. 2016;65:400-405.	http://doi.org/10.1016/j.alit.2016.03.002
152	1257	田中 加治代ら	加工食品における小麦タンパク質の不溶化とアレルギー性の変化について	10.15036/arerugi.66.222	2017	アレルギー. 2017;66:222-230.	http://doi.org/10.15036/arerugi.66.222
153	1276	ST Yavuz et al.	Phenotypes of IgE-mediated food allergy in Turkish children	10.2500/aap.2011.32.3481	2011	J Allergy Asthma Proc. 2011;32:47-55.	http://doi.org/10.2500/aap.2011.32.3481
154	1291	ML Chang et al.	Analysis of allergens in 5 473 patients with allergic diseases in harbin, China	10.3967/bes2013.017	2013	J Biomed Environ Sci. 2013;26:886-893.	http://doi.org/10.3967/bes2013.017
155	1333	L Tordesillas et al.	Molecular basis of allergen cross-reactivity: Non-specific lipid transfer proteins from wheat flour and peach fruit as models	10.1016/j.molimm.2009.07.028	2009	Mol Immunol. 2009;47:534-540.	http://doi.org/10.1016/j.molimm.2009.07.028
156	1346	M Aihara et al.	Food-dependent exercise-induced anaphylaxis: Influence of concurrent aspirin administration on skin testing and provocation	10.1046/j.1365-2133.2002.04601.x	2002	Br J Dermatol. 2002;146:466-472.	http://doi.org/10.1046/j.1365-2133.2002.04601.x
157	1347	A Strinnholm et al	Food hypersensitivity is common in Swedish schoolchildren, especially oral reactions to fruit and gastrointestinal reactions to milk	10.1111/apa.12772	2014	J Acta Paediatr. 2014;103:1290-1296.	http://doi.org/10.1111/apa.12772
158	1360	S Bunyavanich et al.	Peanut, milk, and wheat intake during pregnancy is associated with reduced allergy and asthma in children	10.1016/j.jaci.2013.11.040	2014	J Allergy Clin Immunol. 2014;133:1373-1382.	http://doi.org/10.1016/j.jaci.2013.11.040
159	1364	M Bodinier et al.	Evaluation of an in vitro mast cell degranulation test in the context of food allergy to wheat	10.1159/000121465	2008	Int Arch Allergy Immunol. 2008;146:307-320.	http://doi.org/10.1159/000121465
160	1370	Y Fukutomi et al.	Epidemiological link between wheat allergy and exposure to hydrolyzed wheat protein in facial soap	10.1111/all.12481	2014	Allergy. 2014;69:1405-1411.	http://doi.org/10.1111/all.12481

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
161	1413	M Worm et al.	Triggers and treatment of anaphylaxis: an analysis of 4000 cases from Germany, Austria and Switzerland	10.3238/arztebl.2014.0367	2014	Dtsch Arztebl Int. 2014;111:367-375.	http://doi.org/10.3238/arztebl.2014.0367
162	1446	M Kobayashi et al.	Degradation of wheat allergen in Japanese soy sauce	10.3892/ijmm.13.6.821	2004	Int J Immunopathol Pharmacol.2004;13:821-827.	http://doi.org/10.3892/ijmm.13.6.821
163	1447	小林 美和 ら	洗顔石鹸に含まれる加水分解小麦が感作原と考えられる小麦依存性運動誘発アナフィラキシー	なし	2012	J UOEH(産業医科大学雑誌).2012;34:85-89.	https://www.ncbi.nlm.nih.gov/pubmed/22428462
164	1464	M Mäkelä et al.	Wheat allergy in children - new tools for diagnostics	10.1111/cea.12393	2014	Clin Exp Allergy. 2014;44:1420-1430.	http://doi.org/10.1111/cea.12393
165	1469	M Mansouri et al.	Is the atopy patch test reliable in the evaluation of food allergy-related atopic dermatitis?	10.1159/000485126	2018	Int Arch Allergy Immunol. 2018;175:No.1-2;85-90.	http://doi.org/10.1159/000485126
166	1482	M Nakamura et al.	Evaluation of the cross-reactivity of antigens in Glupearl 19S and other hydrolysed wheat proteins in cosmetics	10.1111/cod.12551	2016	Contact Derm.2016;74:346-52.	http://doi.org/10.1111/cod.12551
167	1487	M Olivieri et al.	Wheat IgE profiling and wheat IgE levels in bakers with allergic occupational phenotypes	10.1136/oemed-2012-101112	2013	Occup Environ Med.2013;70:617-622.	http://doi.org/10.1136/oemed-2012-101112
168	1495	I Sander et al.	Comparison of wheat and rye flour skin prick test solutions for diagnosis of baker's asthma	10.1046/j.1398-9995.2003.00349.x	2004	Allergy. 2004;59:95-98.	http://doi.org/10.1046/j.1398-9995.2003.00349.x
169	1499	曾和 順子 ら	アスピリンと小麦負荷でも誘発できた小麦による Food-Dependent Exercise-Induced Anaphylaxis (FDEIA)の1例	10.15036/arerugi.50.547	2001	アレルギー. 2001;50:547-550.	http://doi.org/10.15036/arerugi.50.547
170	1512	M Raithel et al.	Colorectal mucosal histamine release by mucosa oxygenation in comparison with other established clinical tests in patients with gastrointestinally mediated allergy	なし	2006	World Journal of Gastroenterology.2006;12:4699-4705.	https://www.ncbi.nlm.nih.gov/pubmed/16937442
171	1523	T Herzinger et al.	Anaphylaxis to wheat beer	10.1016/S1081-1206(10)61436-6	2004	Ann Allergy Asthma Immunol. 2004;92:673-675.	http://doi.org/10.1016/S1081-1206(10)61436-6

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
172	1544	Z Pourpak et al.	Wheat Allergy: Clinical and Laboratory Findings	10.1159/000076623	2004	Int Arch Allergy Immunol. 2004;133:168-173.	http://doi.org/10.1159/000076623
173	1547	M Weichel et al.	Screening the allergenic repertoires of wheat and maize with sera from double-blind, placebo-controlled food challenge positive patients	10.1111/j.1398-9995.2006.00999.x	2006	Allergy. 2006;61:128-135.	http://doi.org/10.1111/j.1398-9995.2006.00999.x
174	1552	寺尾 浩ら	30年間にわたり小麦含有食品で発症していた食物依存性運動誘発アナフィラキシーの1例	10.15036/arerugi.53.1119	2004	アレルギー. 2004;53:1119-1122.	http://doi.org/10.15036/arerugi.53.1119
175	1553	M Yacoub et al.	Omega-5 gliadin anaphylaxis: An integrated diagnostic approach	なし	2011	Eur Ann Allergy Clin Immunol. 2011;43:92-94.	https://www.ncbi.nlm.nih.gov/pubmed/21789971
176	1561	S Celik-Bilgili et al.	The predictive value of specific immunoglobulin E levels in serum for the outcome of oral food challenges	10.1111/j.1365-2222.2005.02150.x	2005	Clin Exp Allergy. 2005;35:268-273.	http://doi.org/10.1111/j.1365-2222.2005.02150.x
177	1562	N Akcakaya et al.	Skin test hypersensitivity for childhood asthma in Istanbul during a period of 16 years	10.1157/13070603	2005	Allergol Immunopathol (Madr). 2005;33:15-19.	http://doi.org/10.1157/13070603
178	1566	N David et al.	Food allergen extracts to diagnose food-induced allergic diseases: How they are made	10.1016/j.anai.2016.11.008	2017	Ann Allergy Asthma Immunol. 2017;119:101-107.	http://doi.org/10.1016/j.anai.2016.11.008
179	1580	Z Pourpak et al.	Which cereal is a suitable substitute for wheat in children with wheat allergy?	10.1111/j.1399-3038.2005.00263.x	2005	Pediatr Allergy Immunol. 2005;16:262-266.	http://doi.org/10.1111/j.1399-3038.2005.00263.x
180	1595	藤田 浩之ら	アスピリン内服や運動負荷が増悪因子となった小麦アナフィラキシーの1例	10.15036/arerugi.54.1203	2005	アレルギー. 2005;54:1203-1207.	http://doi.org/10.15036/arerugi.54.1203
181	1600	N Nilsson et al.	Wheat allergy in children evaluated with challenge and IgE antibodies to wheat components	10.1111/pai.12334	2015	Pediatr Allergy Immunol. 2015;26:119-125.	http://doi.org/10.1111/pai.12334
182	1624	森本 謙一ら	症状の誘発が困難であった食物依存性運動誘発アナフィラキシーの2例	10.15036/arerugi.55.1433	2006	アレルギー. 2006;55:1433-1436.	http://doi.org/10.15036/arerugi.55.1433

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
183	1625	柳田 紀之 ら	相模原市保育所における食物アレルギー疾患生活管理指導表を用いた食物アレルギーの実態調査	10.15036/arerugi.65.785	2016	アレルギー. 2016;65:785-93.	http://doi.org/10.15036/arerugi.65.785
184	1635	GJ Rennick et al.	Skin prick testing to food allergens in breast-fed young infants with moderate to severe atopic dermatitis	10.1111/j.1440-0960.2006.00221.x	2006	Australas J Dermatol. 2006;47:41-45.	http://doi.org/10.1111/j.1440-0960.2006.00221.x
185	1641	O Iweala et al.	Food allergy: Our evolving understanding of its pathogenesis, prevention, and treatment	10.1007/s11882-016-0616-7	2016	Curr Allergy Asthma Rep. 2016;16:37.	http://doi.org/10.1007/s11882-016-0616-7
186	1642	J Scibilia et al.	Wheat allergy: A double-blind, placebo-controlled study in adults	10.1016/j.jaci.2005.10.014	2006	J Allergy Clin Immunol. 2006;117:433-439.	http://doi.org/10.1016/j.jaci.2005.10.014
187	1650	O Mizuno et al.	Loss-of-function mutations in the gene encoding filaggrin underlie a Japanese family with food-dependent exercise-induced anaphylaxis	10.1111/jdv.12441	2015	J Eur Acad Dermatol Venereol. 2015;29:805-808.	http://doi.org/10.1111/jdv.12441
188	1659	O Tranquet et al.	A chimeric IgE that mimics IgE from patients allergic to acid-hydrolyzed wheat proteins is a novel tool for in vitro allergenicity assessment of functionalized glutens	10.1371/journal.pone.0187415	2017	PLoS One. 2017;12:e0187415.	http://doi.org/10.1371/journal.pone.0187415
189	1660	P Boussault et al.	Oat sensitization in children with atopic dermatitis: prevalence, risks and associated factors	10.1111/j.1398-9995.2007.01527.x	2007	Allergy. 2007;62:1251-1256.	http://doi.org/10.1111/j.1398-9995.2007.01527.x
190	1667	RB Canani et al.	Diagnostic accuracy of the atopy patch test in children with food allergy-related gastrointestinal symptoms	10.1111/j.1398-9995.2007.01351.x	2007	Allergy. 2007;62:738-743.	http://doi.org/10.1111/j.1398-9995.2007.01351.x
191	1673	今井 孝成 ら	遷延する食物アレルギーの検討	10.15036/arerugi.56.1285	2007	アレルギー. 2007;56:1285-1292.	http://doi.org/10.15036/arerugi.56.1285
192	1683	G Noh et al.	The clinical significance of food specific IgE/IgG4 in food specific atopic dermatitis	10.1111/j.1399-3038.2006.00478.x	2007	Pediatr Allergy Immunol. 2007;18:63-70.	http://doi.org/10.1111/j.1399-3038.2006.00478.x
193	1685	BI Oyefara & SL Bahna	Delayed food-dependent, exercise-induced anaphylaxis	なし	2007	J Allergy Asthma Proc. 2007;28:64-66.	https://www.ncbi.nlm.nih.gov/pubmed/?term=17390760

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
194	1689	Z Pourpak et al.	Wheat anaphylaxis in children	10.1080/08820130600941211	2007	Immunol Invest. 2007;36:175-182.	http://doi.org/10.1080/08820130600941211
195	1714	P Mathelier-Fusade et al.	Responsibility of food in exercise-induced anaphylaxis: 7 Cases	なし	2002	Annales de Dermatologie et de Venereologie.2002;129:694-697.	https://www.ncbi.nlm.nih.gov/pubmed/12124510
196	1729	伊藤 浩明 ら	当科におけるオープン法による牛乳・鶏卵・小麦負荷試験	10.15036/arerugi.57.1043	2008	アレルギー. 2008;57:1043-1052.	http://doi.org/10.15036/arerugi.57.1043
197	1743	P Šotkovský et al.	A new approach to the isolation and characterization of wheat flour allergens	10.1111/j.1365-2222.2011.03766.x	2011	Clin Exp Allergy. 2011;41:1031-1043.	http://doi.org/10.1111/j.1365-2222.2011.03766.x
198	1744	P Šotkovský et al.	Proteomic analysis of wheat proteins recognized by IgE antibodies of allergic patients	10.1002/pmic.200700347	2008	Proteomics.2008;8:1677-1691.	http://doi.org/10.1002/pmic.200700347
199	1759	N Salvatori et al.	Asthma induced by inhalation of flour in adults with food allergy to wheat	10.1111/j.1365-2222.2008.03023.x	2008	Clin Exp Allergy. 2008;38:1349-1356.	http://doi.org/10.1111/j.1365-2222.2008.03023.x
200	1766	BJ Vlieg-Boerstra et al.	Should children with a history of anaphylaxis to foods undergo challenge testing?	10.1111/j.1365-2222.2008.03088.x	2008	Clin Exp Allergy. 2008;38:1935-1942.	http://doi.org/10.1111/j.1365-2222.2008.03088.x
201	1770	R Cressman et al.	Further evaluation of the utility of "Sliding Window" FASTA in predicting cross-reactivity with allergenic proteins	10.1016/j.yrtph.2008.11.006	2009	Regul Toxicol Pharmacol. 2009;54:S20-S25.	http://doi.org/10.1016/j.yrtph.2008.11.006
202	1773	M Nermes et al.	Safety of barley starch syrup in patients with allergy to cereals	10.1017/S0007114508995659	2009	Br J Nutr. 2009;101:165-168.	http://doi.org/10.1017/S0007114508995659
203	1789	R Heine	Gastrointestinal food allergies	10.1159/000371700	2015	Chem Immunol Allergy. 2015;101:171-80.	http://doi.org/10.1159/000371700
204	1799	井上 友介 ら	小麦依存性運動誘発アナフィラキシー患者におけるアスピリン食前投与誘発に対するプロスタグランディン E1 製剤の抑制効果について	10.15036/arerugi.58.1418	2009	アレルギー. 2009;58:1418-1425.	http://doi.org/10.15036/arerugi.58.1418

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
205	1800	CA Keet et al.	The natural history of wheat allergy	10.1016/S1081-1206(10)60513-3	2009	Ann Allergy Asthma Immunol. 2009;102:410-415.	http://doi.org/10.1016/S1081-1206(10)60513-3
206	1802	T Komata et al.	Usefulness of Wheat and Soybean Specific IgE Antibody Titers for the Diagnosis of Food Allergy	10.2332/allergolint.09-OA-0096	2009	J Allergol Int. 2009;58:599-603.	http://doi.org/10.2332/allergolint.09-OA-0096
207	1838	R Rokaite et al.	Gastrointestinal disorders in children with atopic dermatitis	なし	2005	Medicina (Kaunas, Lithuania). 2005;41:837-845.	https://www.ncbi.nlm.nih.gov/pubmed/16272830
208	1866	R Woods et al.	Prevalence of food allergies in young adults and their relationship to asthma, nasal allergies, and eczema	10.1016/S1081-1206(10)61994-1	2002	Ann Allergy Asthma Immunol. 2002;88:183-189.	http://doi.org/10.1016/S1081-1206(10)61994-1
209	1869	R Woods et al.	Reported adverse food reactions overestimate true food allergy in the community	10.1038/sj/ejcn/1601306	2002	Eur J Clin Nutr.2002;56:31-36.	http://doi.org/10.1038/sj/ejcn/1601306
210	1877	S Altenbach et al.	Assessment of the Allergenic Potential of Transgenic Wheat (Triticum aestivum) with Reduced Levels of ω 5-Gliadins, the Major Sensitizing Allergen in Wheat-Dependent Exercise-Induced Anaphylaxis	10.1021/acs.jafc.5b03557	2015	J Agric Food Chem.2015;63:9323-9332.	http://doi.org/10.1021/acs.jafc.5b03557
211	1901	S Denery-Papini et al.	Immunoglobulin-E-binding epitopes of wheat allergens in patients with food allergy to wheat and in mice experimentally sensitized to wheat proteins	10.1111/j.1365-2222.2011.03808.x	2011	Clin Exp Allergy. 2011;41:1478-1492.	http://doi.org/10.1111/j.1365-2222.2011.03808.x
212	1924	S Harada et al.	Aspirin enhances the induction of type I allergic symptoms when combined with food and exercise in patients with food-dependent exercise-induced anaphylaxis	10.1046/j.1365-2133.2001.04329.x	2001	Br J Dermatol. 2001;145:issue2;336-339.	http://doi.org/10.1046/j.1365-2133.2001.04329.x
213	1927	原田 晋ら	Food-Dependent Exercise-Induced Anaphylaxis (FDEIS) の本邦報告例集計による考察	なし	2000	アレルギー. 2000;49:1066-1073.	https://www.ncbi.nlm.nih.gov/pubmed/11193458

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
214	1929	S Hofmann et al.	IgE detection to $\alpha/\beta/\gamma$ -gliadin and its clinical relevance in wheat-dependent exercise-induced anaphylaxis	10.1111/all.12020	2012	Allergy. 2012;67:1457-1460.	http://doi.org/10.1111/all.12020
215	1955	S Leonardi et al.	Allergic reactions to foods by inhalation in children	10.2500/aap.2014.35.3755	2014	Allergy Asthma Proc.2014;35:288-294.	http://doi.org/10.2500/aap.2014.35.3755
216	1963	S Matsukura et al.	Two cases of wheat-dependent anaphylaxis induced by aspirin administration but not by exercise	10.1111/j.1365-2230.2009.03709.x	2010	Clin Exp Dermatol. 2010;35:233-237.	http://doi.org/10.1111/j.1365-2230.2009.03709.x
217	1967	S Miceli Sopo et al.	Matrix effect on baked milk tolerance in children with IgE cow milk allergy	10.1016/j.aller.2016.03.005	2016	Allergol Immunopathol (Madr). 2016;44:517-523.	http://doi.org/10.1016/j.aller.2016.03.005
218	1972	S Miceli Sopo et al.	Matrix effect on baked egg tolerance in children with IgE-mediated hen's egg allergy	10.1111/pai.12570	2016	Pediatr Allergy Immunol. 2016;27:465-470.	http://doi.org/10.1111/pai.12570
219	1980	S Pahr et al.	Molecular characterization of wheat allergens specifically recognized by patients suffering from wheat-induced respiratory allergy	10.1111/j.1365-2222.2012.03961.x	2012	Clin Exp Allergy. 2012;42:597-609.	http://doi.org/10.1111/j.1365-2222.2012.03961.x
220	1997	S Reibel et al.	What safety measures need to be taken in oral food challenges in children?	10.1034/j.1398-9995.2000.00689.x	2000	Allergy. 2000;55:940-944.	http://doi.org/10.1034/j.1398-9995.2000.00689.x
221	2003	S Sato et al.	Usefulness of antigen-specific IgE probability curves derived from the 3gAllergy assay in diagnosing egg, cow's milk, and wheat allergies	10.1016/j.alit.2016.06.012	2017	Allergol Int. 2017;66:296-301.	http://doi.org/10.1016/j.alit.2016.06.012
222	2010	S Sicherer et al.	Dose-response in double-blind, placebo-controlled oral food challenges in children with atopic dermatitis	10.1067/mai.2000.104941	2000	J Allergy Clin Immunol. 2000;105:582-586.	http://doi.org/10.1067/mai.2000.104941
223	2012	S Sievers et al.	Wheat protein recognition pattern in tolerant and allergic children	10.1111/pai.12502	2016	Pediatr Allergy Immunol. 2016;27:147-155.	http://doi.org/10.1111/pai.12502
224	2014	J Celakovska et al.	The effect of wheat allergy on the course of atopic eczema in patients over 14 years of age	なし	2011	J Acta Medica (Hradec Kralove). 2011;54:157-162.	https://www.ncbi.nlm.nih.gov/pubmed/?term=22283110

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
225	2043	T Apelseh et al.	Detection of specific immunoglobulin e antibodies toward common airborne allergens, peanut, wheat, and latex in solvent/detergent-treated pooled plasma	10.1111/trf.13451	2016	Transfusion.2016;56:1185-1191.	http://doi.org/10.1111/trf.13451
226	2046	T Asaumi et al.	Provocation tests for the diagnosis of food-dependent exercise-induced anaphylaxis	10.1111/pai.12489	2016	Pediatr Allergy Immunol. 2016;27:44-49.	http://doi.org/10.1111/pai.12489
227	2052	T Calderón et al. 【原著なし】	Meat-specific IgG and IgA antibodies coexist with IgE antibodies in sera from allergic patients: Clinical association and modulation by exclusion diet	なし	2010	J Biol Regul Homeost Agents.2010;24:261-271.	https://www.ncbi.nlm.nih.gov/pubmed/20846474
228	2060	S Iwamoto et al.	Wheat-dependent exercise-induced anaphylaxis associated with a facial soap	10.1136/bcr.01.2012.5641	2012	BMJ Case Rep. 2012;bcr0120125641.	http://doi.org/10.1136/bcr.01.2012.5641
229	2075	M Mansouri et al.	Follow-up of the wheat allergy in children; consequences and outgrowing the allergy	011.02/ijaai.157163	2012	Iran J Allergy Asthma Immunol. 2012;11:157-163.	http://ijaai.tums.ac.ir/index.php/ijaai/article/view/340
230	2079	T Kobayashi et al.	Eighteen cases of wheat allergy and wheat-dependent exercise-induced urticaria/anaphylaxis sensitized by hydrolyzed wheat protein in soap	10.1111/ijd.12767	2015	Int. J. Dermatol.2015;54(8):e302-e305.	https://onlinelibrary.wiley.com/doi/pdf/10.1111/ijd.12767
231	2085	T Le et al.	The clinical spectrum of omega-5-gliadin allergy	10.1111/imj.13091	2016	Internal Medicine Journal.2016;46(6):710-716.	http://doi.org/10.1111/imj.13091
232	2089	T Manabe et al.	Food-dependent exercise-induced anaphylaxis in Japanese elementary school children	10.1111/ped.13520	2018	Pediatr Int.2018;60:329-333.	http://doi.org/10.1111/ped.13520
233	2092	T Matsumoto	Mitigation of the action of wheat allergen by acidic oxidative potential water	10.1034/j.1398-9995.2002.23606.x	2002	Allergy. 2002;57:926-930.	http://doi.org/10.1034/j.1398-9995.2002.23606.x
234	2095	C Rolinck-Werninghaus et al.	Outcome of oral food challenges in children in relation to symptom-eliciting allergen dose and allergen-specific IgE	10.1111/j.1398-9995.2012.02838.x	2012	Allergy. 2012;67:951-957.	http://doi.org/10.1111/j.1398-9995.2012.02838.x

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
235	2104	中川 朋子 ら	小麦依存性運動誘発アナフィラキシーの小児 6 症例	10.15036/arerugi.64.1169	2015	アレルギー. 2015;64:1169-1173.	http://doi.org/10.15036/arerugi.64.1169
236	2106	T Noma et al.	Fatal buckwheat dependent exercised-induced anaphylaxis	なし	2001	Asian Pac J Allergy Immunol. 2001;19:283-286.	https://www.ncbi.nlm.nih.gov/pubmed/12009078
237	2119	T Song et al.	IgE reactivity to carbohydrate moieties of glycoproteins in wheat allergy	10.2500/aap.2015.36.3815	2015	Allergy Asthma Proc.2015;36:192-199.	https://www.ncbi.nlm.nih.gov/pubmed/25976436
238	2123	T Takizawa et al.	Identification of allergen fractions of wheat flour responsible for anaphylactic reactions to wheat products in infants and young children	10.1159/000053796	2001	Int Arch Allergy Immunol. 2001;125:51-56.	http://doi.org/10.1159/000053796
239	2134	T Yokooji et al.	Prevalences of specific IgE to wheat gliadin components in patients with wheat-dependent exercise-induced anaphylaxis	10.1016/j.alit.2014.11.003	2015	Allergol Int. 2015;64:206-208.	http://doi.org/10.1016/j.alit.2014.11.003
240	2171	C Inuo et al.	Anaphylactic reaction to dietary oats	10.1016/j.anai.2013.01.008	2013	Ann Allergy Asthma Immunol. 2013;110:305-306.	http://dx.doi.org/10.1016/j.anai.2013.01.008
241	2189	X Du et al.	Molecular characterization of the IgE-binding epitopes in the fast ω -gliadins of Triticeae in relation to wheat-dependent, exercise-induced anaphylaxis	10.1016/j.gene.2016.06.040	2016	Gene.2016;592:27-33.	http://doi.org/10.1016/j.gene.2016.06.040
242	2194	A Linneberg et al.	Association between Loss-of-Function Mutations in the Filaggrin Gene and Self-Reported Food Allergy and Alcohol Sensitivity	10.1159/000345949	2013	Int Arch Allergy Immunol. 2013;161:234-242.	http://doi.org/10.1159/000345949
243	2211	Y Koike et al.	Predictors of Persistent Wheat Allergy in Children: A Retrospective Cohort Study	10.1159/000489337	2018	Int Arch Allergy Immunol. 2018;176:No.3-4;249-254.	http://doi.org/10.1159/000489337
244	2214	Y Li et al.	The potential of papain and alcalase enzymes and process optimizations to reduce allergenic gliadins in wheat flour	10.1016/j.foodchem.2015.10.089	2016	Food Chemistry.2016;196:1338-1345.	http://doi.org/10.1016/j.foodchem.2015.10.089

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
245	2218	Y Okada et al.	Better management of wheat allergy using a very low-dose food challenge: A retrospective study	10.1016/j.alit.2015.07.011	2016	Allergol Int. 2016;65:82-87.	http://doi.org/10.1016/j.alit.2015.07.011
246	2254	阿部 容子 ら	当院における 5 年間のアナフィラキシー症例の検討	なし	2015	徳島赤十字病院医学雑誌.2015; 20;1:25-29.	http://www.tokushima-med.jrc.or.jp/hospital/medical/2015_full005.pdf
247	2290	SR Passeti et al.	Response of Specific Immunoglobulin E to Foods in Children with Atopic Dermatitis	10.1007/s00005-014-0288-8	2014	Arch Immunol Ther Exp (Warsz). 2014;62:405-410.	http://doi.org/10.1007/s00005-014-0288-8
248	2305	河野 邦江 ら	小麦依存性運動誘発アナフィラキシーの抗原解析(続報)	なし	2008	J Environ Dermatol Cutan Allergol. 2008; 2;3:154-159.	なし
249	2314	杉本 晃子 ら	小麦運動負荷試験を行った加水分解コムギによる即時型コムギアレルギーの確診例 41 例の臨床的検討	10.15036/arerugi.63.775	2014	アレルギー. 2014;63:775-786.	http://doi.org/10.15036/arerugi.63.775
250	2335	吉田 晃 ら	食物によるアナフィラキシーショック症例の検討	10.3388/jspaci.22.108	2008	日本小児アレルギー学会誌.2008; 22;1:108-115.	https://www.jstage.jst.go.jp/article/jspaci/22/1/22_1_108/article-char/ja/
251	2381	高橋 裕樹 ら	食物依存性運動誘発アナフィラキシーの予後について	なし	2006	アレルギーの臨床.2006; 26;9:722-725.	なし
252	2389	今井 孝成	即時型食物アレルギー：食物摂取後 60 分以内に症状が出現し、かつ医療機関を受診した症例：第 2 報	10.15036/arerugi.53.689	2004	アレルギー.2004; 53;7:689-695.	https://ci.nii.ac.jp/naid/110002404804
253	2390	今井 祥恵 ら	10 年間に救急受診した全年齢層のアナフィラキシー患者の原因アレルゲンに関する検討	なし	2016	アレルギー・免疫.2016; 23;11:1536-1541.	https://webview.isho.jp/journal/detail/abs/10.20837/3201611076
254	2409	柴田 瑠美子	アナフィラキシー型食物アレルギーの予後	10.3388/jspaci.16.149	2002	日本小児アレルギー学会誌.2002; 16;2:149-153.	https://www.jstage.jst.go.jp/article/jspaci/1987/16/2/16_2_149/article-char/ja/
255	2450	真部 哲治 ら	小学生における食物依存性運動誘発アナフィラキシーの疫学調査	なし	2014	こども医療センター医学誌.2014; 43;4:220-223.	なし

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
256	2462	清水 正己 ら	当科における入院経口食物負荷試験の臨床と歴史的推移	なし	2012	名古屋市立病院紀要.2012; 35;:27-30.	なし
257	2465	西間 三馨 ら	小児アレルギー疾患におけるアレルギー感作の全国調査	10.3388/jspaci.20.109	2006	日本小児アレルギー学会誌.2006; 20;1:109-118.	https://www.jstage.jst.go.jp/article/jspaci/20/1/20_1_109/_article/-char/ja/
258	2472	石川 博康 ら	小麦アレルギーの9例	なし	2003	皮膚科の臨床.2003; 45;10:1213-1216.	なし
259	2473	赤堀 亘 ら	食物依存性運動誘発性アナフィラキシーの2例および本邦報告例のまとめ	なし	2006	日本小児皮膚科学会雑誌.2006; 25;1:31-36.	なし
260	2475	千貫 祐子 ら	石鹼中の加水分解小麦で感作され小麦依存性運動誘発アナフィラキシーを発症した12例の解析	なし	2011	J Environ Dermatol Cutan Allergol. 2011; 5;4:387-394.	なし
261	2483	泉 佳菜子 ら	非ステロイド性抗炎症薬(NSAIDs)による即時型食物アレルギーの増強効果：わが国における最近10年の報告例の検討	10.15036/arerugi.58.1629	2009	アレルギー.2009; 58;12:1629-1639.	https://www.jstage.jst.go.jp/article/arerugi/58/12/58_KJ00005927990/_article/-char/ja/
262	2494	足立 厚子 & 堀川 達弥	兵庫県東播磨地域小学・中学・高校における花粉症に伴う口腔アレルギー症候群および食物依存性運動誘発性アナフィラキシー疫学調査	なし	2007	J Environ Dermatol Cutan Allergol. 2007; 1;2:102-108.	https://allergysurvey.jp/category/3/report/RkEtMTUucGRm
263	2502	池松 かおり & 海老澤 元宏	食物アレルギーの発症と耐性獲得	10.3388/jspaci.16.144	2002	日本小児アレルギー学会誌.2002; 16;2:144-148.	https://www.jstage.jst.go.jp/article/jspaci/1987/16/2/16_2_144/_article/-char/ja/
264	2504	池澤 善郎 ら	成人アトピー性皮膚炎における感作アレルギーの全国調査	なし	2005	アレルギー・免疫.2005; 12;12:1728-1736.	なし
265	2520	坪谷 尚季 ら	小麦アレルギー患児における大麦アレルギー合併を予測する因子の検討	10.3388/jspaci.31.683	2017	日本小児アレルギー学会誌.2017; 31;5:683-691.	https://www.jstage.jst.go.jp/article/jspaci/31/5/31_683/_article/-char/ja/

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
266	2531	田中 秀門 ら	小児アナフィラキシー既往患者の特異的 IgE の推移と予後の関連性 抗原別プロバビリティカーブを用いて	なし	2015	東三医学会誌.2015; 37:80-83.	なし
267	2555	榎村 春江 ら	タンパク質換算を用いた小麦アレルギー患者への除去解除指導(第4報)	10.3388/jspaci.27.710	2013	日本小児アレルギー学会誌.2013; 27;5:710-720.	https://www.jstage.jst.go.jp/article/jspaci/27/5/27_710/_article/-char/ja/
268	2583	柳田 紀之 ら	既製の加工品を用いた牛乳、小麦食物経口負荷試験	なし	2014	小児科臨床.2014; 67;10:1699-1706.	なし
269	2584	柳田 紀之 ら	日本小児アレルギー学会アナフィラキシー対応ワーキンググループが決定・公表した「一般向けエピペン®の適応」の評価	10.3388/jspaci.28.329	2014	日本小児アレルギー学会誌.2014; 28;3:329-337.	https://www.jstage.jst.go.jp/article/jspaci/28/3/28_329/_article/-char/ja/
270	2586	柳田 紀之 ら	休日・夜間診療所における即時型食物アレルギーについての前向き調査	10.3388/jspaci.29.655	2015	日本小児アレルギー学会誌.2015; 29;5:655-664.	https://www.jstage.jst.go.jp/article/jspaci/29/5/29_655/_article/-char/ja/
271	2597	齋藤 圭一 ら	当院における過去5年間の小児アナフィラキシー入院例の検討	なし	2015	山梨医学.2015; 42:152-159.	なし

4.2.1.2 総説

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
272	3	K Takacs et al.	Immune-analytical detection of the cross-reactive major cereal allergens.	10.1080/09540105.2010.497532	2010	Food Agric Immunol. 2010;21:317-334.	http://dx.doi.org/10.1080/09540105.2010.497532
273	129	A Feldweg	Food-Dependent, Exercise-Induced Anaphylaxis: Diagnosis and Management in the Outpatient Setting	10.1016/j.jaip.2016.11.022	2017	J Allergy Clin Immunol Pract. 2017;5:283-288.	http://doi.org/10.1016/j.jaip.2016.11.022
274	229	A Nowak-Wegrzyn et al.	Rare, medium, or well done? The effect of heating and food matrix on food protein allergenicity	10.1097/ACI.0b013e32832b88e7	2009	Curr Opin Allergy Clin Immunol. 2009;9:234-237.	http://doi.org/10.1097/ACI.0b013e32832b88e7
275	384	松本 亮典 ら	耳鼻咽喉科で経験した食物依存性運動誘発アナフィラキシー（FDEIA : Food-Dependent Exercise-Induced Anaphylaxis）症例の検討	10.15036/arerugi.58.548	2009	アレルギー. 2009;58:548-553.	http://doi.org/10.15036/arerugi.58.548
276	405	B Nwaru et al.	Prevalence of common food allergies in Europe: A systematic review and meta-analysis	10.1111/all.12423	2014	Allergy. 2014;69:992-1007.	http://doi.org/10.1111/all.12423
277	464	Y Chinuki & E Morita	Wheat-Dependent Exercise-Induced Anaphylaxis Sensitized with Hydrolyzed Wheat Protein in Soap.	10.2332/allergolint.12-RAI-0494	2012	Allergol Int. 2012;61:529-537.	http://doi.org/10.2332/allergolint.12-RAI-0494
278	465	M Thalayasingam et al.	Wheat-dependent exercise-induced anaphylaxis: a retrospective case review from a tertiary hospital.	10.1136/postgradmedj-2013-132257	2014	Postgrad Med J. 2014;90:488-492.	http://doi.org/10.1136/postgradmedj-2013-132257
279	592	D Moneret-Vautrin et al.	Update on threshold doses of food allergens: Implications for patients and the food industry	10.1097/00130832-200406000-00014	2004	Curr Opin Allergy Clin Immunol. 2004;4:215-219.	http://doi.org/10.1097/00130832-200406000-00014
280	608	D Plavec et al.	Exercise-induced anaphylaxia - A review	なし	2010	Lijecnicki Vjesnik.2010;132:173-176.	https://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=95336

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
281	691	E Morita et al.	Food-dependent exercise-induced anaphylaxis - Importance of omega-5 gliadin and hmw-glutenin as causative antigens for wheat-dependent exercise-induced anaphylaxis	10.2332/allergolint.09-RAI-0125	2009	Allergol Int. 2009;58:493-498.	http://doi.org/10.2332/allergolint.09-RAI-0125
282	697	E Morita et al.	Recent advances of in vitro tests for the diagnosis of food-dependent exercise-induced anaphylaxis	10.1016/j.jdermsci.2013.04.010	2013	J Dermatol Sci.2013;71:155-159.	http://doi.org/10.1016/j.jdermsci.2013.04.010
283	745	F Barocci et al.	Molecular evolution in food allergy diagnosis	なし	2016	Minerva Pediatrica.2016;68:374-381.	https://www.ncbi.nlm.nih.gov/pubmed/26091488
284	751	F Battais et al.	Wheat grain allergies: An update on wheat allergens	なし	2008	Eur Ann Allergy Clin Immunol. 2008;40:67-76.	https://www.ncbi.nlm.nih.gov/pubmed/19334370
285	785	F Wölbing et al.	About the role and underlying mechanisms of cofactors in anaphylaxis	10.1111/all.12193	2013	Allergy.2013;68:1085-92.	http://doi.org/10.1111/all.12193
286	810	G Czaja-Bulsa et al.	What do we know now about IgE-mediated wheat allergy in children?	10.3390/nu9010035	2017	Nutrients.2017;9:35.	http://doi.org/10.3390/nu9010035
287	868	G Wong et al.	Food-dependent exercise-induced anaphylaxis: is wheat unique?	10.1007/s11882-013-0388-2	2013	Curr Allergy Asthma Rep. 2013;13:639-44.	http://doi.org/10.1007/s11882-013-0388-2
288	921	高橋 仁ら	小麦アレルゲンの免疫生物学とアレルギー疾患	10.15036/arerugi.57.1094	2008	アレルギー. 2008;57:1094-101.	http://doi.org/10.15036/arerugi.57.1094
289	1051	J Kattan	The Prevalence and Natural History of Food Allergy	10.1007/s11882-016-0627-4	2016	Curr Allergy Asthma Rep. 2016;16:47.	http://doi.org/10.1007/s11882-016-0627-4
290	1129	L Zuidmeer et al.	The prevalence of plant food allergies: A systematic review.	10.1016/j.jaci.2008.02.019	2008	J Allergy Clin Immunol. 2008;121:1210-1218.	http://doi.org/10.1016/j.jaci.2008.02.019
291	1224	K Palosuo	Update on wheat hypersensitivity	10.1097/00130832-200306000-00009	2003	Curr Opin Allergy Clin Immunol. 2003;3:205-209.	http://doi.org/10.1097/00130832-200306000-00009

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
292	1242	K Scherf et al.	Wheat-dependent exercise-induced anaphylaxis	10.1111/cea.12640	2016	Clin Exp Allergy. 2016;46:10-20.	http://doi.org/10.1111/cea.12640
293	1249	K Soares-Weiser et al.	The diagnosis of food allergy: A systematic review and meta-analysis	10.1111/all.12333	2014	Allergy. 2014;69:76-86.	http://doi.org/10.1111/all.12333
294	1265	K Van Kampen et al.	IgE sensitization to lupine in bakers- Cross-reactivity or co-sensitization to wheat flour?	10.1159/000375238	2015	Int Arch Allergy Immunol. 2015;166:63-70.	http://doi.org/10.1159/000375238
295	1266	K Verhoeckx et al.	Food processing and allergenicity	10.1016/j.fct.2015.03.005	2015	Food Chem Toxicol.2015;80:223-240.	http://doi.org/10.1016/j.fct.2015.03.005
296	1369	M Borres et al.	Recent advances in component resolved diagnosis in food allergy	10.1016/j.alit.2016.07.002	2016	Allergol Int. 2016;65:378-387.	http://doi.org/10.1016/j.alit.2016.07.002
297	1539	TT Perry et al.	Risk of oral food challenges.	10.1016/j.jaci.2004.07.063	2004	J Allergy Clin Immunol. 2004;114:1164-1168.	http://doi.org/10.1016/j.jaci.2004.07.063
298	1541	TT Perry et al.	The relationship of allergen-specific IgE levels and oral food challenge outcome.	10.1016/j.jaci.2004.04.009	2004	J Allergy Clin Immunol. 2004;114:144-149.	http://doi.org/10.1016/j.jaci.2004.04.009
299	1564	N Chokshi et al.	Interpreting IgE sensitization tests in food allergy	10.1586/1744666X.2016.1124761	2016	Expert Rev Clin Immunol.2016;12:389-403.	http://doi.org/10.1586/1744666X.2016.1124761
300	1576	N Inomata	Wheat allergy	10.1097/ACI.0b013e32832aa5bc	2009	Curr Opin Allergy Clin Immunol. 2009;9:238-43.	http://doi.org/10.1097/ACI.0b013e32832aa5bc
301	1610	N Radlović et al.	Food allergy in children	10.2298/SARH1602099R	2016	Srp Arh Celok Lek. 2016;144:99-103.	http://doi.org/10.2298/SARH1602099R
302	1656	相原 雄幸 ら	食物依存性運動誘発アナフィラキシー	10.15036/arerugi.56.451	2007	アレルギー. 2007;56:451-456.	http://doi.org/10.15036/arerugi.56.451
303	1994	S Quirce et al.	Clinical presentation, allergens, and management of wheat allergy	10.1586/1744666X.2016.1145548	2016	Expert Rev Clin Immunol.2016;12:563-572.	http://doi.org/10.1586/1744666X.2016.1145548
304	2005	S Sato et al.	A review of biomarkers for predicting clinical reactivity to foods with a focus on specific immunoglobulin e antibodies	10.1097/ACI.0000000000000162	2015	Curr Opin Allergy Clin Immunol. 2015;15:250-258.	http://doi.org/10.1097/ACI.0000000000000162

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
305	2037	M Calvani et al.	Oral food challenge: safety, adherence to guidelines and predictive value of skin prick testing.	10.1111/pai.12016	2012	Pediatr Allergy Immunol. 2012;23:755-761.	http://doi.org/10.1111/pai.12016
306	2129	T Werfel	Food allergy in adulthood	10.1007/s00103-016-2360-5	2016	Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz. 2016;59:737-44.	http://doi.org/10.1007/s00103-016-2360-5
307	2250	RS Gupta et al.	Predicting Outcomes of Oral Food Challenges by Using the Allergen-specific IgE-Total IgE Ratio.	10.1016/j.jaip.2013.12.006	2014	J Allergy Clin Immunol Pract. 2014;2:300-305.	http://doi.org/10.1016/j.jaip.2013.12.006

4.2.2 そば類

4.2.2.1 原著文献

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
1	1	N Maruyama et al.	Clinical utility of recombinant allergen components in diagnosing buckwheat allergy	10.1016/j.jaip.2015.11.028	2016	J Allergy Clin Immunol Pract. 2016;4:322-323.e3.	https://www.sciencedirect.com/science/article/pii/S2213219815006716?via%3Dihub
2	2	T Wang et al.	Buckwheat anaphylaxis: An unusual allergen in Taiwan	なし	2006	Asian Pac J Allergy Immunol . 2006;24:167-170.	https://www.ncbi.nlm.nih.gov/pubmed/17136883
3	3	N Yanagida et al.	Skin prick test is more useful than specific IgE for diagnosis of buckwheat allergy: A retrospective cross-sectional study	10.1016/j.alit.2017.04.005	2018	Allergol Int. 2018;67:67-71.	https://www.ncbi.nlm.nih.gov/pubmed/28479284
4	4	N Yanagida et al.	Specific IgE for Fag e 3 Predicts Oral Buckwheat Food Challenge Test Results and Anaphylaxis: A Pilot Study	10.1159/000487135	2018	Int Arch Allergy Immunol. 2018;176:8-14.	https://www.karger.com/Article/FullText/487135
5	5	N Yanagida et al.	Reactions of Buckwheat-Hypersensitive Patients during Oral Food Challenge Are Rare, but Often Anaphylactic	10.1159/000456008	2017	Int Arch Allergy Immunol. 2017;172:116-122.	https://www.ncbi.nlm.nih.gov/pubmed/28268211
6	6	E Heffler et al.	Clinical manifestations, co-sensitizations, and immunoblotting profiles of buckwheat-allergic patients	10.1111/j.1398-9995.2010.02469.x	2011	Allergy. 2011;66:264-270.	https://www.ncbi.nlm.nih.gov/pubmed/20804471
7	7	M Sohn et al.	Prediction of buckwheat allergy using specific IgE concentrations in children	10.1046/j.1398-9995.2003.00339.x	2003	Allergy. 2003;58:1308-1310.	https://www.ncbi.nlm.nih.gov/pubmed/14616108
8	9	G Roberts et al.	Bronchial challenges with aerosolized food in asthmatic, food-allergic children	10.1034/j.1398-9995.2002.03366.x	2002	Allergy. 2002;57:713-717.	https://www.ncbi.nlm.nih.gov/pubmed/12121190
9	12	H Ueno et al.	Usefulness of the skin index in predicting the outcome of oral challenges in children	なし	2007	J Investig Allergol Clin Immunol . 2007;17:207-210.	https://www.ncbi.nlm.nih.gov/pubmed/17694691

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
10	15	E Heffler et al.	Anaphylaxis after eating italian pizza containing buckwheat as the hidden food allergen	なし	2007	J Investig Allergol Clin Immunol . 2007;17:261-263.	https://www.ncbi.nlm.nih.gov/pubmed/17694699
11	16	E Varga et al.	Anaphylaxis to buckwheat in an atopic child: A risk factor for severe allergy to nuts and seeds?	10.1159/000321916	2011	Int Arch Allergy Immunol. 2011;156:112-116.	https://www.ncbi.nlm.nih.gov/pubmed/21447967
12	17	M Mittaine et al.	Buckwheat anaphylaxis by inhalation	10.1016/j.allerg.2007.12.006	2008	Rev Fr Allergol Immunol Clin. 2008;48:106-108.	https://www.sciencedirect.com/science/article/pii/S0335745707004182
13	18	T Oppel et al.	Cross-sensitization between poppy seed and buckwheat in a food-allergic patient with poppy seed anaphylaxis	10.1159/000092557	2006	Int Arch Allergy Immunol. 2006;140:170-173.	https://www.ncbi.nlm.nih.gov/pubmed/16601355
14	19	R Satoh et al.	Identification of an ige-binding epitope of a major buckwheat allergen, BWp16, by SPOTs assay and mimotope screening	10.1159/000312630	2010	Int Arch Allergy Immunol. 2010;153:133-140.	https://www.ncbi.nlm.nih.gov/pubmed/20407269
15	20	T Rui et al.	Seven chinese patients with buckwheat allergy	10.1097/MAJ.0b013e3181bcd0a1	2010	Am J Med Sci. 2010;339:22-24.	https://www.ncbi.nlm.nih.gov/pubmed/20057274
16	21	T Noma et al.	Fatal buckwheat dependent exercised-induced anaphylaxis.	なし	2001	Asian Pac J Allergy Immunol . 2001;19:283-286.	https://www.ncbi.nlm.nih.gov/pubmed/12009078
17	22	E Beaudoin et al. 【原著なし】	Buckwheat allergy: Analysis of 22 cases recorded by the Allergy Vigilance Network (2002-2006)	なし	2007	Eur Ann Allergy Clin Immunol. 2007;39:303-306.	https://www.researchgate.net/publication/286557567_Buckwheat_allergy_Analysis_of_22_cases_recorded_by_the_Allergy_Vigilance_Network_2002-2006
18	23	KY Jeong et al.	Monoclonal antibodies to recombinant Fag e 3 buckwheat allergen and Development of a two-site ELISA for its quantification	10.4168/aair.2017.9.5.417	2017	Allergy Asthma Immunol Res. 2017;9:417-422.	https://www.ncbi.nlm.nih.gov/pubmed/28677355

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
19	24	P Pourshahnazari & G Sussman	Buckwheat anaphylaxis: A case report	10.1186/1710-1492-10-S2-A38	2014	Allergy Asthma Clin Immunol. 2014;10.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4304093/
20	25	K Park et al.	Clinical and laboratory findings of childhood buckwheat allergy in a single tertiary hospital	10.3345/kjp.2016.59.10.402	2016	Korean J Pediatr. 2016;59:402-407.	https://www.ncbi.nlm.nih.gov/pubmed/27826326
21	26	K Tanaka et al.	Pepsin-resistant 16-kD buckwheat protein is associated with immediate hypersensitivity reaction in patients with buckwheat allergy	10.1159/000065173	2002	Int Arch Allergy Immunol. 2002;129:49-56.	https://www.ncbi.nlm.nih.gov/pubmed/12372998
22	28	D Sammut et al.	Buckwheat allergy: A potential problem in 21st century Britain	10.1136/bcr.09.2011.4882	2011	BMJ Case Reports.2011	https://www.ncbi.nlm.nih.gov/pubmed/22674117
23	29	RH Stember	Buckwheat allergy	10.2500/aap.2006.27.2879	2006	Allergy Asthma Proc. 2006;27:393-395.	https://www.ncbi.nlm.nih.gov/pubmed/16948356
24	30	S Geiselhart et al.	Concomitant sensitization to legumin, Fag e 2 and Fag e 5 predicts buckwheat allergy	10.1111/cea.13068	2018	Clin Exp Allergy. 2018;48:217-224.	https://www.ncbi.nlm.nih.gov/pubmed/29171912
25	31	R Schiffner et al.	Anaphylaxis to buckwheat.	10.1034/j.1398-9995.2001.00386.x	2001	Allergy. 2001;56:1020-1021.	https://onlinelibrary.wiley.com/doi/abs/10.1034/j.1398-9995.2001.00386.x
26	33	Y Kezuka et al.	Purification, crystallization and preliminary X-ray analysis of a deletion mutant of a major buckwheat allergen	10.1107/S1744309109043127	2009	Acta Crystallogr Sect F Struct Biol Cryst Commun. 2009;65:1267-1270.	https://www.ncbi.nlm.nih.gov/pubmed/20054125
27	35	R Asero et al.	Causes of food-induced anaphylaxis in italian adults: A multi-centre study	10.1159/000222679	2009	Int Arch Allergy Immunol. 2009;150:271-277.	https://www.ncbi.nlm.nih.gov/pubmed/19494524
28	36	CJW Van Ginkel	Sensitisation to 'poffertjes' as a result of sleeping on a pillow containing buckwheat	なし	2002	Ned Tijdschr Geneesk. 2002;146:624-625.	https://www.ncbi.nlm.nih.gov/pubmed/11957384

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
29	37	S Hompes et al.	Rare food allergens - Data from the anaphylaxis registry	10.5414/ALX01575	2013	Allergologie. 2013;36:204-209.	https://www.dustri.com/nc/article-response-page.html?artId=10647&doi=10.5414%2FALX01575
30	39	S Lee et al.	A multicenter retrospective case study of anaphylaxis triggers by age in Korean children	10.4168/aair.2016.8.6.535	2016	Allergy Asthma Immunol Res. 2016;8:535-540.	https://www.ncbi.nlm.nih.gov/pubmed/27582405
31	40	S Kobayashi et al.	Identification of a new IgE-binding epitope of peanut oleosin that cross-reacts with buckwheat	10.1271/bbb.120063	2012	Biosci Biotechnol Biochem. 2012;76:1182-1188.	https://www.ncbi.nlm.nih.gov/pubmed/22790944
32	42	T Plaza & V Mahler	Anaphylactic shock due to French galette. Type I allergic reaction to buckwheat	10.1007/s00105-004-0746-z	2005	Der Hautarzt. 2005;56:160-3.	https://www.researchgate.net/publication/8501869_Anaphylactic_shock_due_to_French_galette_Type_I_allergic_reaction_to_buckwheat
33	44	M Yang et al.	Epidemiologic and clinical features of anaphylaxis in Korea	10.1016/S1081-1206(10)60401-2	2008	Ann Allergy Asthma Immunol. 2008;100(1):31-36.	https://www.ncbi.nlm.nih.gov/pubmed/18254479
34	45	JA de Bruyne & BW Lee	Anaphylaxis in the Asia Pacific	10.1027/0838-1925.16.4.137	2004	Allergy Clin Immunol. 2004;16:137-141.	https://www.researchgate.net/publication/246492487_Anaphylaxis_in_the_Asia_Pacific
35	47	HJ Park & SH Kim	Factors associated with shock in anaphylaxis	10.1016/j.ajem.2012.01.015	2012	Am J Emerg Med . 2012;30:1674-1678.	https://www.ncbi.nlm.nih.gov/pubmed/22424990
36	48	M Kim et al.	Prevalence of immediate-type food allergy in Korean schoolchildren in 2015: A nationwide, population-based study	10.4168/aair.2017.9.5.410	2017	Allergy Asthma Immunol Res. 2017;9:410-416.	https://www.ncbi.nlm.nih.gov/pubmed/28677354

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
37	50	K Jeong et al.	Age- based causes and clinical characteristics of immediate-type food allergy in Korean children	10.4168/aair.2017.9.5.423	2017	Allergy Asthma Immunol Res. 2017;9:423-430.	https://synapse.koreamed.org/DOIx.php?id=10.4168/aair.2017.9.5.423
38	51	G Dutau & F Rancé	The story of food allergy from its first recognition to the present time	10.1016/j.allerg.2005.12.004	2006	Rev Fr Allergol Immunol Clin. 2006;46:312-323.	https://www.sciencedirect.com/science/article/pii/S033574570500290X
39	54	柳田 紀之 ら	相模原市保育所における食物アレルギー疾患生活管理指導表を用いた食物アレルギーの実態調査	10.15036/arerugi.65.785	2016	アレルギー 2016;65:785-793.	https://www.ncbi.nlm.nih.gov/pubmed/27439582
40	55	Y Kanagawa et al.	Association analysis of food allergens	10.1111/j.1399-3038.2008.00791.x	2009	Pediatr Allergy Immunol. 2009;20:347-352.	https://www.ncbi.nlm.nih.gov/pubmed/19538355
41	56	R Asero & L Antonicelli	Does sensitization to foods in adults occur always in the gut?	10.1159/000319203	2010	Int Arch Allergy Immunol. 2010;154:6-14.	https://www.ncbi.nlm.nih.gov/pubmed/20664272
42	57	S Leonardi et al.	Allergic reactions to foods by inhalation in children	10.2500/aap.2014.35.3755	2014	Allergy Asthma Proc . 2014;35:288-294.	https://www.ncbi.nlm.nih.gov/pubmed/24992548
43	58	D Moneret-Vautrin	Epidemiology of food allergy	10.1016/j.allerg.2008.01.018	2008	Rev Fr Allergol Immunol Clin. 2008;48:171-178.	https://www.sciencedirect.com/science/article/pii/S0335745708000440
44	60	K Sugiura et al.	A case of anaphylactic reactions with generalized urticaria due to Pyongyang cold noodles	なし	2003	Allergy Clin Immunol. 2003;15:85-87.	https://www.sciencedirect.com/science/article/pii/S0335745708000440
45	61	C Mailhol & A Didier	Molecular study of allergies in practice: About a patient with effort associated symptoms	10.1016/j.reval.2011.02.025	2011	Rev Fr Allergol. 2011;51:454-455.	https://www.sciencedirect.com/science/article/pii/S1877032011000844ht

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
46	62	Y Nawa et al.	A case of anaphylactic shock due to latex glove used on internal examination and on the probe of intrauterine echogram	なし	2000	Masui. 2000;49:1027-1029.	https://www.ncbi.nlm.nih.gov/pubmed/11025962
47	63	T Imamura et al.	A survey of patients with self-reported severe food allergies in Japan	10.1111/j.1399-3038.2007.00621.x	2008	Pediatr Allergy Immunol . 2008;19:270-274.	https://www.ncbi.nlm.nih.gov/pubmed/18397411
48	64	I Badiu et al.	Italian Study on Buckwheat Allergy: Prevalence and Clinical Features of Buckwheat-Sensitized Patients in Italy	10.1177/039463201302600328	2013	Int J Immunopathol Pharmacol. 2013;26:801-806.	https://www.ncbi.nlm.nih.gov/pubmed/24067481
49	65	G Wieslander et al.	Buckwheat allergy and reports on asthma and atopic disorders in Taiyuan City, Northern China	なし	2000	Asian Pac J Allergy Immunol . 2000;18:147-152.	https://www.ncbi.nlm.nih.gov/pubmed/11270469
50	66	J Park et al.	Identification and characterization of the major allergens of buckwheat	10.1034/j.1398-9995.2000.00763.x	2000	Allergy. 2000;55:1035-1041.	https://www.ncbi.nlm.nih.gov/pubmed/11097313
51	67	K Yoneyama & A Ono	Study of food allergy among university students in Japan	10.1046/j.1440-1592.2002.00266.x	2002	Allergol Int. 2002;51:205-208.	https://www.sciencedirect.com/science/article/pii/S1323893015313344
52	68	T Kusunoki et al.	Allergic status of schoolchildren with food allergy to eggs, milk or wheat in infancy	10.1111/j.1399-3038.2009.00856.x	2009	Pediatr Allergy Immunol . 2009;20:642-647.	https://www.ncbi.nlm.nih.gov/pubmed/19702676
53	70	P Mahesh et al.	Prevalence of food sensitization and probable food allergy among adults in India: The EuroPrevall INCO study	10.1111/all.12868	2016	Allergy. 2016;71:1010-1019.	https://www.ncbi.nlm.nih.gov/pubmed/27297800
54	71	川口 隆弘 ら	当科の食物アレルギー患者における食物完全除去の理由	なし	2015	アレルギー. 2015;64:714-720.	https://www.ncbi.nlm.nih.gov/pubmed/26108754
55	72	T Minami et al.	Hand eczema as a risk factor for food allergy among occupational kitchen workers	10.1016/j.alit.2017.08.005	2018	Allergol Int. 2018;67:217-224.	https://www.ncbi.nlm.nih.gov/pubmed/28874315

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
56	73	JHM van Bilsen et al.	Evaluation of scientific criteria for identifying allergenic foods of public health importance	10.1016/j.yrtph.2010.08.024	2011	Regul Toxicol Pharmacol. 2011;60:281-289.	https://www.sciencedirect.com/science/article/pii/S0273230010001510
57	76	J Cho et al.	Significance of 40-, 45-, and 48-kDa proteins in the moderate-to-severe clinical symptoms of buckwheat allergy	10.4168/aair.2015.7.1.37	2014	Allergy Asthma Immunol Res. 2014;7:37-43.	https://www.ncbi.nlm.nih.gov/pubmed/25553261
58	78	R Satoh et al.	Immunological characterization and mutational analysis of the recombinant protein BWp16, a major allergen in buckwheat	10.1248/bpb.31.1079	2008	Biol Pharm Bull . 2008;31:1079-1085.	https://www.ncbi.nlm.nih.gov/pubmed/18520034
59	79	K Tohgi et al.	Usability of Fag e 2 ImmunoCAP in the diagnosis of buckwheat allergy	10.1007/s00403-011-1142-z	2011	Arch Dermatol Res. 2011;303:635-642.	https://www.ncbi.nlm.nih.gov/pubmed/21461893
60	80	J Baruteau et al.	Buckwheat allergy: Case report and review of the literature	10.1016/j.allerg.2005.06.002	2005	Rev Fr Allergol Immunol Clin. 2005;45:422-425.	https://www.sciencedirect.com/science/article/pii/S0335745705001322?via%3Dihub
61	81	SB Fritz & BL Gold	Buckwheat pillow-induced asthma and allergic rhinitis	10.1016/S1081-1206(10)61807-8	2003	Ann Allergy Asthma Immuno.l 2003;90:355-358.	https://www.sciencedirect.com/science/article/pii/S1081120610618078
62	82	SY Lee et al.	Three cases of childhood nocturnal asthma due to buckwheat allergy	10.1034/j.1398-9995.2001.056008763.x	2001	Allergy. 2001;56:763-766.	https://www.ncbi.nlm.nih.gov/pubmed/11488670
63	86	R Asero	Lipid transfer protein cross-reactivity assessed in vivo and in vitro in the office: Pros and cons	なし	2011	J Investig Allergol Clin Immunol . 2011;21:129-136.	https://www.ncbi.nlm.nih.gov/pubmed/21462803
64	87	S Choi et al.	Characterization of buckwheat 19-kD allergen and its application for diagnosing clinical reactivity	10.1159/000106315	2007	Int Arch Allergy Immunol. 2007;144:267-274.	https://www.ncbi.nlm.nih.gov/pubmed/17641547
65	88	S Koyano et al.	Molecular cloning of cDNA, recombinant protein expression and characterization of a buckwheat 16-kDa major allergen.	10.1159/000092038	2006	Int Arch Allergy Immunol. 2006;140:73-81.	https://www.ncbi.nlm.nih.gov/pubmed/16549935

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
66	89	S Choi et al.	Application of the 16-kDa buckwheat 2 S storage albumin protein for diagnosis of clinical reactivity	10.1016/S1081-1206(10)60661-8	2007	Ann Allergy Asthma Immunol. 2007;99:254-260.	https://www.ncbi.nlm.nih.gov/pubmed/17910329
67	90	F Riffelmann.	Anaphylactic reaction to buckwheat	なし	2005	Allergologie. 2005;28:156-159.	https://www.dustri.com/nc/article-response-page.html?artId=2619&doi=10.5414%2FALP28156
68	91	V Doyen et al.	A study of allergens involved in a case of latex-buckwheat cross-allergenicity	10.1016/j.reval.2013.12.002	2014	Rev Fr Allergol . 2014;54:454-456.	https://www.sciencedirect.com/science/article/pii/S1877032013004338
69	92	Z Wang et al.	Purification and characterization of a 24 kDa protein from tartary buckwheat seeds	10.1271/bbb.68.1409	2004	Biosci Biotechnol Biochem. 2004;68:1409-1413.	https://www.ncbi.nlm.nih.gov/pubmed/15277744
70	94	R Teshima 【原著なし】	Regulation of allergen products in Japan	なし	2009	Arb Paul Ehrlich Inst Bundesinstitut Impfstoffe Biomed Arzneimittel Langen Hess. 2009;96:224-229.	https://www.ncbi.nlm.nih.gov/pubmed/20799465
71	95	K Ito et al.	Food allergen analysis for processed food using a novel extraction method to eliminate harmful reagents for both ELISA and lateral-flow tests	10.1007/s00216-016-9438-7	2016	Anal Bioanal Chem. 2016;408:5973-5984.	https://www.ncbi.nlm.nih.gov/pubmed/26973237
72	96	池松 かおりら	乳児期発症食物アレルギーに関する検討（第1報）乳児アトピー性皮膚炎と食物アレルギーの関係	10.15036/arerugi.55.140	2006	アレルギー. 2006;55:140-150.	https://www.ncbi.nlm.nih.gov/pubmed/16719002
73	100	SR Kim et al.	IgE Sensitization Patterns to Commonly Consumed Foods Determined by Skin Prick Test in Korean Adults	10.3346/jkms.2016.31.8.1197	2016	J Korean Med Sci. 2016;31:1197-1201.	https://www.ncbi.nlm.nih.gov/pubmed/27478328
74	102	C Sordet et al.	IgE-binding epitopic peptide mapping on a three-dimensional model built for the 13S globulin allergen of buckwheat (<i>Fagopyrum esculentum</i>)	10.1016/j.peptides.2009.03.005	2009	Peptides. 2009;30:1021-1027.	https://www.ncbi.nlm.nih.gov/pubmed/19463732

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
75	103	Z Yang et al.	Effects of Maillard reaction on allergenicity of buckwheat allergen Fag t 3 during thermal processing	10.1002/jsfa.5928	2013	J Sci Food Agric. 2013;93:1510-1515.	https://www.ncbi.nlm.nih.gov/pubmed/23165788
76	104	R Matsumoto et al.	Molecular characterization of a 10-kDa buckwheat molecule reactive to allergic patients' IgE	10.1046/j.1398-9995.2003.00412.x	2004	Allergy. 2004;59:533-538.	https://www.ncbi.nlm.nih.gov/pubmed/15080835
77	105	Z Yang et al.	Synthesis of hypoallergenic derivatives of the major allergen Fag t 1 from tartary buckwheat via sequence restructuring	10.1016/j.fct.2012.03.039	2012	Food and Chemical Toxicology. 2012;50:2675-2680.	https://www.ncbi.nlm.nih.gov/pubmed/22449541
78	106	B Zheng et al.	Characterization of 16-kDa major allergen with α -amylase inhibitor domain in tartary buckwheat seeds	10.1016/j.molimm.2017.12.024	2018	Mol Immunol. 2018;94:121-130.	https://www.ncbi.nlm.nih.gov/pubmed/29306152
79	107	C Lee et al.	Effect of Proteolysis with Alkaline Protease Following High Hydrostatic Pressure Treatment on IgE Binding of Buckwheat Protein	10.1111/1750-3841.13627	2017	J Food Sci. 2017;82:834-839.	https://www.ncbi.nlm.nih.gov/pubmed/28125769
80	108	X Zhang et al.	Molecular cloning, recombinant expression, and immunological characterization of a novel allergen from tartary buckwheat	10.1021/jf801855a	2008	J Agric Food Chem. 2008;56:10947-10953.	https://www.ncbi.nlm.nih.gov/pubmed/18980324
81	109	X Ren et al. 【原著なし】	Expression and immunological characterization of the epitopes in tartary buckwheat allergen	なし	2010	Xi bao yu fen zi mian yi xue za zhi. 2010;26:543-545.	https://www.ncbi.nlm.nih.gov/pubmed/20487646
82	110	X Ren et al.	Epitope mapping and immunological characterization of a major allergen TBa in tartary buckwheat	10.1007/s10529-010-0281-1	2010	Biotechnology Lett. 2010;32:1317-1324.	https://www.ncbi.nlm.nih.gov/pubmed/20431913
83	111	C Lee et al.	Reactivity change of IgE to buckwheat protein treated with high-pressure and enzymatic hydrolysis	10.1002/jsfa.7321	2016	J Sci Food Agric. 2016;96:2073-2079.	https://www.ncbi.nlm.nih.gov/pubmed/26108559
84	112	JA Nordlee et al.	Wild Buckwheat Is Unlikely to Pose a Risk to Buckwheat-Allergic Individuals	10.1111/j.1750-3841.2011.02372.x	2011	J Food Sci. 2011;76:T189-T191.	https://www.ncbi.nlm.nih.gov/pubmed/22417608
85	114	MA Yoshimasu et al.	Electrophoretic and immunochemical characterization of allergenic proteins in buckwheat.	10.1159/000024431	2000	Int Arch Allergy Immunol. 2000;123:130-136.	https://www.ncbi.nlm.nih.gov/pubmed/11060484

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
86	115	X Zhang et al.	Purification and biochemical characterization of a novel allergenic protein from tartary buckwheat seeds	10.1055/s-0028-1088319	2008	Planta Med . 2008;74:1837-1841.	https://www.ncbi.nlm.nih.gov/pubmed/19031360
87	116	P Li et al.	Epitope mapping and identification on a 3D model built for the tartary buckwheat allergic protein TBb	10.1093/abbs/gmr036	2011	Acta Biochim Biophys Sin. 2011;43:441-447.	https://www.ncbi.nlm.nih.gov/pubmed/21571740
88	117	H Yoshioka et al.	Expression and epitope analysis of the major allergenic protein Fag e 1 from buckwheat	10.1016/j.jplph.2004.01.010	2004	J Plant Physiol. 2004;161:761-767.	https://www.ncbi.nlm.nih.gov/pubmed/15310064
89	118	Y Nagata et al.	Molecular characterization of buckwheat major immunoglobulin E-reactive proteins in allergic patients	10.1046/j.1440-1592.2000.00169.x	2000	Allergol Int. 2000;49:117-124.	https://www.sciencedirect.com/science/article/pii/S1323893015313964
90	119	Z Wang et al.	Cloning, expression, and identification of immunological activity of an allergenic protein in tartary buckwheat	10.1271/bbb.70.1195	2006	Biosci Biotechnol Biochem. 2006;70:1195-1199.	https://www.ncbi.nlm.nih.gov/pubmed/16717422
91	120	H Park et al.	The HLA-DRB1 polymorphism is associated with atopic dermatitis, but not egg allergy in Korean children	10.4168/aaair.2012.4.3.143	2012	Allergy Asthma Immunol Res. 2012;4:143-149.	https://www.ncbi.nlm.nih.gov/pubmed/22548207
92	121	K Blackburn et al.	Respiratory allergenic potential of plant-derived proteins: Understanding the relationship between exposure and potency for risk assessments	10.3109/10408444.2015.1067876	2015	Clin Exp Allergy . 2015;45:799-811.	https://www.ncbi.nlm.nih.gov/pubmed/26565768
93	123	S Nakamura et al.	Reduction of in vitro allergenicity of buckwheat Fag e 1 through the Maillard-type glycosylation with polysaccharides	10.1016/j.foodchem.2007.12.075	2008	Food Chemistry. 2008;109:538-545.	https://www.sciencedirect.com/science/article/pii/S0308814608000538
94	124	M Sano et al.	Diversification of 13S globulins, allergenic seed storage proteins, of common buckwheat	10.1016/j.foodchem.2014.01.047	2014	Food Chemistry. 2014;155:192-198.	https://www.ncbi.nlm.nih.gov/pubmed/24594174
95	125	H Tomotake et al.	An autoclave treatment reduces the solubility and antigenicity of an allergenic protein found in buckwheat flour	10.4315/0362-028X.JFP-11-368	2012	J Food Prot. 2012;75:1172-5.	https://www.ncbi.nlm.nih.gov/pubmed/22691491

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
96	127	T Hirao et al.	A novel PCR method for quantification of buckwheat by using a unique internal standard material	10.4315/0362-028X-69.10.2478	2006	J Food Prot. 2006;69:2478-2486.	https://www.ncbi.nlm.nih.gov/pubmed/17066931
97	128	T Hirao et al.	PCR method for detecting trace amounts of buckwheat (<i>Fagopyrum spp.</i>) in food	10.1271/bbb.69.724	2005	Biosci Biotechnol Biochem. 2005;69:724-31.	https://www.ncbi.nlm.nih.gov/pubmed/15849410
98	129	R Panda et al.	Development of a sandwich enzyme-linked immunosorbent assay (ELISA) for detection of buckwheat residues in food	10.1111/j.1750-3841.2010.01683.x	2010	J Food Sci. 2010;75:T110-T117.	https://www.ncbi.nlm.nih.gov/pubmed/20722959
99	130	穂山 浩ら	特定原材料（そば）測定の厚生労働省通知 ELISA 法確立のための複数機関による評価研究	10.3358/shokueishi.45.313	2004	食品衛生学雑誌. 2004;45:313-8.	https://www.ncbi.nlm.nih.gov/pubmed/15794089
100	131	R Matsuda et al.	Interlaboratory evaluation of two enzyme-linked immunosorbent assay kits for the detection of egg, milk, wheat, buckwheat, and peanut in foods	なし	2006	J AOAC Int .2006;89:1600-1608.	https://www.ncbi.nlm.nih.gov/pubmed/17225608
101	132	T Hirao et al.	Qualitative polymerase chain reaction methods for detecting major food allergens (peanut, soybean, and wheat) by using internal transcribed spacer region	なし	2009	J AOAC Int .2009;92:1464-1471.	https://www.ncbi.nlm.nih.gov/pubmed/19916385
102	134	森下 直樹ら	調理加工モデル食品を用いたアレルギー検査用イムノクロマトキットの評価	10.3358/shokueishi.47.66	2006	食品衛生学雑誌. 2006;47:66-75.	https://www.ncbi.nlm.nih.gov/pubmed/16729667
103	135	橋本 博之ら	モデル加工食品を用いた特定原材料（小麦）検査におけるネステッド PCR 法の検討	10.3358/shokueishi.50.178	2009	食品衛生学雑誌. 2009;50:178-183.	https://www.ncbi.nlm.nih.gov/pubmed/19745586
104	137	Y Maejima et al.	Functional compounds in fermented buckwheat sprouts	10.1271/bbb.110241	2011	Biosci Biotechnol Biochem. 2011;75:1708-12.	https://www.ncbi.nlm.nih.gov/pubmed/21897039

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
105	139	IB Wilson et al.	Analysis of Asn-linked glycans from vegetable foodstuffs: widespread occurrence of Lewis a, core alpha1,3-linked fucose and xylose substitutions	なし	2001	Glycobiology. 2001;11:261-74.	https://www.ncbi.nlm.nih.gov/pubmed/11358875
106	141	八代 敦子 ら	当院の食物経口負荷試験と小児食物アレルギー診療の実態について	なし	2017	松仁会医学誌. 2017;55(2):71-79.	https://phio.panasonic.co.jp/kinen/shojinka/bn/pdf/055_2_03.pdf
107	150	伊藤 玲子 ら	神奈川県立高等学校保健体育科教諭に対する食物依存性運動誘発アナフィラキシーに関するアンケート調査	なし	2007	学校保健研究. 2007;49(3):195-198.	http://jash.umin.jp/print/pdf/backnumber/49/NO.03.pdf
108	151	小野 陽介 ら	「そば」による食物アレルギー発症事例	なし	2005	石川県保健環境センター研究報告書. 2005;43:68-71.	なし
109	152	中西 員茂 ら	救急搬送されたアナフィラキシー26症例の臨床的検討	10.3893/jjaam.17.137	2006	日本救急医学会雑誌. 2006;17:137-141.	https://www.jstage.jst.go.jp/article/jjaam1990/17/4/17_4_137/_article/-char/ja
110	155	神奈川 芳行 ら	食物アレルギー患者がアナフィラキシーを誘発した際の食品形態, 販売形態, 対処方法および食品原材料名等の調査結果について	10.3388/jspaci.19.78	2005	日本小児アレルギー学会誌. 2005;19(1):78-86.	https://www.jstage.jst.go.jp/article/jspaci1987/19/1/19_1_78/_article/-char/ja/
111	156	長谷川 道子 ら	「そば」による食物依存性運動誘発アナフィラキシー(FDEIA)の1例	10.11477/mf.1412101125	2003	臨床皮膚科. 2003;57(1):28-30.	https://webview.isho.jp/journal/detail/abs/10.11477/mf.1412101125
112	160	志渡 晃一 ら	北海道における学生の花粉症に関するアンケート調査	なし	2008	北海道医療大学看護福祉学部紀要. 2008;15:45-49.	https://ci.nii.ac.jp/naid/120005429066/
113	161	原田 雅寿 ら	旭川荘における食物アレルギー実態調査 食物アレルギー誤食事故を防ぐために	なし	2015	旭川荘研究年報. 2015;46(1):141-142.	なし

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
114	163	水羽 陽子 ら	食物アレルギーを持つ方における 外食・中食の利用状況について	なし	2009	広島女学院大学論集. 2009;59:87-96.	http://harp.lib.hiroshima-u.ac.jp/hju/metadata/8646
115	164	玉城 繁良 ら	めん類製造施設におけるそばの 微量混入防止対策の検証	なし	2007	食品衛生研究. 2007;57(9):39-43.	なし
116	165	神奈川 芳行 ら	ファーストフード等の店頭販売 品に含まれるアレルギー物質含 有調査	10.3388/jspaci.20.476	2006	日本小児アレルギー学会誌. 2006;20(5):476-484.	https://www.jstage.jst.go.jp/article/jspaci/20/5/20_5_476/_article/-char/ja/
117	168	角田 孝彦 ら	そばアレルギーの3例	なし	2005	皮膚科の臨床. 2005;47(2):223-225.	なし
118	170	村田 幸治 ら	食物アレルギーで即時型反応を 呈した児の検討 臨床像と他の アレルギー疾患発症について	なし	2000	島根医学. 2000;20:215-219.	なし
119	171	富高 晶子 ら	【最近の蕁麻疹と合併症】 Oral Allergy Syndrome を伴う蕁麻疹 粟による症例	なし	2000	アレルギーの臨床. 2000;20(1):37-40.	なし
120	179	辻 真弓 ら	アトピー性皮膚炎に罹患してい る同胞対における食物と室内抗 原 CAP-RAST の関係の検討	なし	2008	鹿児島大学医学雑誌. 2008;59(3):37-47.	https://www.kufm.kagoshima-u.ac.jp/~med/images/contents/old/medjicago/tsuji.gif
121	180	佐藤 久美子 ら	群馬県内成人集団におけるそば 特異 IgE 抗体保有状況とそば食習 慣調査	なし	2004	日本職業・環境アレルギー学会 雑誌. 2004;11(2):13-20.	なし
122	183	川口 隆弘 ら	当科の食物アレルギー患者にお ける食物完全除去の理由	10.15036/arerugi.64.714	2015	アレルギー. 2015;64(5):714-720.	https://www.jstage.jst.go.jp/article/arerugi/64/5/64_714/_article/-char/ja/
123	185	DE Sung et al.	Effects of enzymatic hydrolysis of buckwheat protein on antigenicity and allergenicity	10.4162/nrp.2014.8.3.278	2014	Nutr Res Pract. 2014;8:278-283.	https://www.ncbi.nlm.nih.gov/pubmed/24944772?dopt=Abstract

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
124	186	LD El-Qutob et al.	Cross-reactivity between buckwheat and quinoa in a patient with eosinophilic esophagitis caused by wheat	なし	2014	J Investig Allergol Clin Immunol. 2014;24:56-57.	http://www.jiaci.org/issues/vol24issue1/8-15.pdf
125	188	D Guillen et al.	Urticaria Caused by Ingestion of Pasta and Bread Containing Buckwheat Flour	なし	2013	J Investig Allergol Clin Immunol. 2013;23:206-207.	http://www.jiaci.org/issues/vol23issue3/9-15.pdf
126	192	N Khan et al.	Tandem repeat inserts in 13S globulin subunits, the major allergenic storage protein of common buckwheat (<i>Fagopyrum esculentum</i> Moench) seeds	10.1016/j.foodchem.2011.12.056	2012	Food Chem. 2012;133:29-37.	https://www.sciencedirect.com/science/article/pii/S0308814611018292
127	195	K Takacs et al.	Immune-analytical detection of the cross-reactive major cereal allergens	10.1080/09540105.2010.497532	2010	Food Agric Immunol. 2010;21:317-334.	https://www.tandfonline.com/doi/abs/10.1080/09540105.2010.497532
128	197	SJ Choi et al.	A Case of Rice Induced Food Allergy in an Adult Patient Presenting Multiple Food Allergies	なし	2008	Korean J Asthma Allergy Clin Immunol. 2008;28:64-69.	https://www.koreamed.org/SearchBasic.php?RID=2058KJAACI%2F2008.28.1.64&DT=1&QY=%22Korean+J+Asthma+Allergy+Clin+Immunol%22+%5BJTI%5D++AND+2008+%5BDPY%5D+AND+Mar+%5BDPM%5D+AND+1+%5BBISSU%5D
129	198	H Yamakawa et al.	Specific Detection of Buckwheat Residues in Processed Foods by Polymerase Chain Reaction	10.1271/bbb.80237	2008	Biosci Biotechnol Biochem. 2008;72:2228-2231.	https://www.ncbi.nlm.nih.gov/pubmed/18685187
130	203	N Morita et al.	Studies on distribution of protein and allergen in graded flours prepared from whole buckwheat grains	10.1016/j.foodres.2006.02.005	2006	Food Res Int. 2006;39:782-790.	https://www.sciencedirect.com/science/article/pii/S0963996906000366

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
131	204	T Handoyo et al.	Hypoallergenic buckwheat flour preparation by <i>Rhizopus oligosporus</i> and its application to soba noodle	10.1016/j.foodres.2005.12.003	2006	Food Res Int. 2006;39:598-605.	https://www.sciencedirect.com/science/article/pii/S0963996905002590
132	207	SH Yoon et al.	The Sensitization Rate and Cross-reactivity to Homemade Agricultural Products in Adult Allergy Patients	なし	2005	Korean J Asthma Allergy Clin Immunol. 2005;25:269-275.	https://www.koreamed.org/SearchBasic.php?RID=2058KJAACI%2F2005.25.4.269&DT=1&QY=%22Korean+J+Asthma+Allergy+Clin+Immunol%22+%5BJTI%5D++AND+2005+%5BDPY%5D+AND+Dec+%5BDPM%5D+AND+4+%5BISU%5D
133	208	YJ Suh et al.	Buckwheat allergy in adults: comparison of specific IgE between homemade ELISA and CAP system, and identification of IgE-binding components.	なし	2003	J Asthma Allergy Clin Immunol. 2003;23:474-482.	https://www.koreamed.org/SearchBasic.php?RID=0058JAACI%2F2003.23.3.474&DT=1&QY=%22J+Asthma+Allergy+Clin+Immunol%22+%5BJTI%5D++AND+2003+%5BDPY%5D+AND+Sep+%5BDPM%5D+AND+3+%5BISU%5D

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
134	209	BJ Jeoung et al.	Identification and characterization of buckwheat allergen	なし	1999	J Asthma Allergy Clin Immunol. 1999;19:62-66.	https://www.koreamed.org/SearchBasic.php?RID=0058JAACI%2F1999.19.1.62&DT=1&QY=%22J+Asthma+Allergy+Clin+Immunol%22+%5BJTI%5D++AND+1999+%5BDPY%5D+AND+Feb+%5BDPM%5D+AND+1+%5BBISSU%5D
135	210	高橋 由利子	そばアレルギーの免疫学的解析	10.15036/arerugi.45.1244	1997	アレルギー. 1996;45:1244-1255.	https://www.ncbi.nlm.nih.gov/pubmed/9133335?dopt=Abstract
136	213	K Vaughan et al.	Towards defining molecular determinants recognized by adaptive immunity in allergic disease: an inventory of the available data	10.1155/2010/628026	2010	J Allergy (Cairo). 2010:628026-.	https://www.ncbi.nlm.nih.gov/pubmed/21403821?dopt=Abstract
137	214	K Yamazaki et al.	Innate immunomodulatory effects of cereal grains through induction of IL-10	10.1016/j.jaci.2007.08.031	2008	J Allergy Clin Immunol. 2008;121:172-178.	https://www.ncbi.nlm.nih.gov/pubmed/17919702?dopt=Abstract
138	216	橋本 博之ら	Multiplex PCR 法を用いた食品中の特定原材料の検出	10.3358/shokueishi.48.132	2007	食品衛生学雑誌. 2007;48:132-138.	https://www.ncbi.nlm.nih.gov/pubmed/18027545?dopt=Abstract
139	223	PG Burney et al.	The prevalence and distribution of food sensitization in European adults	10.1111/all.12341	2014	Allergy. 2014;69:365-371.	https://www.ncbi.nlm.nih.gov/pubmed/24372074?dopt=Abstract
140	224	M Park et al.	Prevalence of Immediate-Type Food Allergy in Early Childhood in Seoul	10.4168/aair.2014.6.2.131	2014	Allergy Asthma Immunol Res. 2014;6:131-136.	https://www.ncbi.nlm.nih.gov/pubmed/24587949?dopt=Abstract
141	227	IV Borisova & SV Smirnova	The peculiarities of food allergies in accordance with the level of injury of respiratory tract in children of Eastern Siberia	10.3402/ijch.v72i0.21202	2013	Int J Circumpolar Health. 2013;72.	https://www.ncbi.nlm.nih.gov/pubmed/23984301?dopt=Abstract

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
142	229	K Ahn et al.	Prevalence of immediate-type food allergy in Korean schoolchildren: A population-based study	10.2500/aap.2012.33.3598	2012	Allergy Asthma Proc. 2012;33:481-487.	https://www.ncbi.nlm.nih.gov/pubmed/23394505?dopt=Abstract
143	230	S Lee et al.	Serum immunoglobulin E (IgE) levels and dietary intake of Korean infants and young children with atopic dermatitis	10.4162/nrp.2012.6.5.429	2012	Nutr Res Pract. 2012;6:429-435.	https://www.ncbi.nlm.nih.gov/pubmed/23198022?dopt=Abstract
144	232	A Kavaliunas et al.	EuroPrevall Survey on Prevalence and Pattern of Self-Reported Adverse Reactions to Food and Food Allergies Among Primary Schoolchildren in Vilnius, Lithuania	なし	2012	Medicina (Kaunas). 2012;48:265-271.	https://www.ncbi.nlm.nih.gov/pubmed/22864274?dopt=Abstract
145	233	KS Wan & WH Chiu	Food hypersensitivity in primary school children in Taiwan: relationship with asthma	10.1080/09540105.2011.615063	2012	Food Agric Immunol. 2012;23:247-254.	https://www.tandfonline.com/doi/full/10.1080/09540105.2011.615063
146	234	YH Jung et al.	Prevalence and Risk Factors of Food Allergy in Preschool Children in Seoul	なし	2011	Korean J Asthma Allergy Clin Immunol. 2011;31:177-183.	https://www.koreamed.org/SearchBasic.php?RID=2058KJACI/2011.31.3.177&DT=1
147	235	F Kurosaka et al.	Risk Factors for Wheezing, Eczema and Rhinoconjunctivitis in the Previous 12 Months among Six-Year-Old Children in Himeji City, Japan: Food Allergy, Older Siblings, Day-Care Attendance and Parental Allergy History	10.2332/allergolint.10-OA-0246	2011	Allergol Int. 2011;60:317-330.	https://www.ncbi.nlm.nih.gov/pubmed/21502806?dopt=Abstract
148	236	C Venter & SH Arshad	Epidemiology of food allergy	10.1016/j.pcl.2011.02.011	2011	Pediatr Clin North Am. 2011;58:327-349.	https://www.ncbi.nlm.nih.gov/pubmed/21453805?dopt=Abstract
149	237	P Burney et al.	Prevalence and distribution of sensitization to foods in the European Community Respiratory Health Survey: a EuroPrevall analysis	10.1111/j.1398-9995.2010.02346.x	2010	Allergy. 2010;65:1182-1188.	https://www.ncbi.nlm.nih.gov/pubmed/20180791?dopt=Abstract

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
150	238	MJ Kim et al.	Association of Chronic Urticaria and Foods by Using a Food Questionnaire	なし	2009	Korean J Asthma Allergy Clin Immunol. 2009;29:186-193.	https://www.koreamed.org/SearchBasic.php?RID=2058KJAACI%2F2009.29.3.186&DT=1&QY=%22Korean+J+Asthma+Allergy+Clin+Immunol%22+%5BJTI%5D++AND+2009+%5BDPY%5D+AND+Sep+%5BDPM%5D+AND+3+%5BISU%5D
151	240	K Pyrhonen et al.	Occurrence of parent-reported food hypersensitivities and food allergies among children aged 1-4 yr	10.1111/j.1399-3038.2008.00792.x	2009	Pediatr Allergy Immunol. 2009;20:328-338.	https://www.ncbi.nlm.nih.gov/pubmed/19538354?dopt=Abstract
152	242	R Asero et al.	EpidemAAITO: Features of food allergy in Italian adults attending allergy clinics: a multi-centre study	10.1111/j.1365-2222.2008.03167.x	2009	Clin Exp Allergy. 2009;39:547-555.	https://www.ncbi.nlm.nih.gov/pubmed/19220321?dopt=Abstract
153	243	I Kummeling et al.	The EuroPrevall surveys on the prevalence of food allergies in children and adults: background and study methodology	10.1111/j.1398-9995.2009.02046.x	2009	Allergy. 2009;64:1493-1497.	https://www.ncbi.nlm.nih.gov/pubmed/19385958?dopt=Abstract
154	244	S Makinen-Kiljunen & T Haahtela	Eight Years of Severe Allergic Reactions in Finland: A Register-Based Report.	10.1097/WOX.0b013e3181898224	2008	World Allergy Organ J. 2008;1:184-189.	https://www.ncbi.nlm.nih.gov/pubmed/23282762
155	248	F Rance et al.	Prevalence and main characteristics of schoolchildren diagnosed with food allergies in France	10.1111/j.1365-2222.2005.02162.x	2005	Clin Exp Allergy. 2005;35:167-172.	https://www.ncbi.nlm.nih.gov/pubmed/15725187?dopt=Abstract
156	252	DA Moneret-Vautrin et al.	Serious food allergy-related accidents in France: frequency, clinical and etiological characteristics. First enquiry carried out by the French Allergovigilance Network	10.1016/S0335-7457(01)00999-5	2001	Rev Fr Allergol Immunol Clin. 2001;41:696-700.	https://www.sciencedirect.com/science/article/pii/S0335745701000995

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
157	253	高橋 由利子ら	横浜市の小学生9万人を対象としたそばアレルギー罹患率調査	10.15036/arerugi.47.26	1998	アレルギー. 1998;47:26-33.	https://www.ncbi.nlm.nih.gov/pubmed/9528162
158	256	JS Choi et al.	Clinical availability of component-resolved diagnosis using microarray technology in atopic dermatitis	10.5021/ad.2014.26.4.437	2014	Ann Dermatol. 2014;26:437-446.	https://www.ncbi.nlm.nih.gov/pubmed/25143671?dopt=Abstract
159	259	S Hompes et al.	Elicitors and co-factors in food-induced anaphylaxis in adults	10.1186/2045-7022-3-38	2013	Clin Transl Allergy. 2013;3:38.	https://www.ncbi.nlm.nih.gov/pubmed/24262093?dopt=Abstract
160	261	SY Lee et al.	Incidence and Clinical Characteristics of Pediatric Emergency Department Visits of Children with Severe Food Allergy	なし	2012	Korean J Asthma Allergy Clin Immunol. 2012;32:169-175.	https://www.koreamed.org/SearchBasic.php?RID=2058KJAACI%2F2012.32.3.169&DT=1&QY=%22Korean+J+Asthma+Allergy+Clin+Immunol%22+%5BJTI%5D++AND+2012+%5BDPY%5D+AND+Sep+%5BDPM%5D+AND+3+%5BBISSU%5D
161	269	JH Lee et al.	Measurement Specific IgE against Recombinant 16-kD and 19-kD Buckwheat Allergens for the Diagnosis of Buckwheat Allergy.	なし	2010	Korean J Asthma Allergy Clin Immunol. 2010;30:209-215.	https://www.koreamed.org/SearchBasic.php?RID=2058KJAACI%2F2010.30.3.209&DT=1&QY=%22Korean+J+Asthma+Allergy+Clin+Immunol%22+%5BJTI%5D++AND+2010+%5BDPY%5D+AND+Sep+%5BDPM%5D+AND+3+%5BBISSU%5D

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
162	270	MH Seo et al.	Clinical Features of Food-Induced Anaphylaxis in the Southeastern Coasted Area of Korea	なし	2010	Korean J Asthma Allergy Clin Immunol. 2010;30:110-115.	https://www.koreamed.org/SearchBasic.php?RID=2058KJAACI%2F2010.30.2.110&DT=1&QY=%22Korean+J+Asthma+Allergy+Clin+Immunol%22+%5BJTI%5D++AND+2010+%5BDPY%5D+AND+Jun+%5BDPM%5D+AND+2+%5BISU%5D
163	278	MJ Kim et al.	Anaphylaxis; 10 Years' Experience at a University Hospital in Suwon	なし	2009	Korean J Asthma Allergy Clin Immunol. 2008;28:298-304.	https://www.koreamed.org/SearchBasic.php?RID=2058KJAACI%2F2008.28.4.298&DT=1&QY=%22Korean+J+Asthma+Allergy+Clin+Immunol%22+%5BJTI%5D++AND+2008+%5BDPY%5D+AND+Dec+%5BDPM%5D+AND+4+%5BISU%5D
164	293	M Mairesse & C Ledent	Nocturnal asthma due to buckwheat	10.1016/j.allerg.2003.05.001	2003	Rev Fr Allergol Immunol Clin. 2003;43:527-529.	https://www.sciencedirect.com/science/article/pii/S0335745703002673
165	294	T Bourrier et al.	A case of buckwheat allergy in a child	10.1016/j.allerg.2003.05.002	2003	Rev Fr Allergol Immunol Clin. 2003;43:530-532.	https://www.sciencedirect.com/science/article/pii/S0335745703002685
166	296	弓削 真由美ら	胡椒の増量剤として含まれていたソバ粉によりアナフィラキシー症状を呈した1例	10.15036/arerugi.50.555	2001	アレルギー. 2001;50:555-557.	https://www.jstage.jst.go.jp/article/arerugi/50/6/50_KJ00001634526/_pdf/-char/ja

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
167	299	JC Bessot et al.	Anaphylactic reactions to buckwheat flour.	10.1016/S0335-7457(05)80529-5	1995	Rev Fr Allergol Immunol Clin. 1995;35:444-446.	https://www.sciencedirect.com/science/article/pii/S0335745705805295
168	301	D Ordman	Buckwheat allergy	なし	1947	S Afr Med J. 1947;21:737-739.	http://archive.samj.org.za/1947%20VOL%20XXI%20Jan-Dec/Articles/10%20October/1.6%20BUCKWHEAT%20ALLERGY.D.ORDMAN.pdf
169	305	Y He et al.	Reduction of the number of major representative allergens: from clinical testing to 3-dimensional structures	10.1155/2014/291618	2014	Mediators Inflamm. 2014;2014:291618-.	https://www.ncbi.nlm.nih.gov/pubmed/24778467?dopt=Abstract
170	306	V Lollier et al.	Meta-analysis of IgE-binding allergen epitopes	10.1016/j.clim.2014.03.010	2014	Clin Immunol. 2014;153:31-39.	https://www.ncbi.nlm.nih.gov/pubmed/24680999?dopt=Abstract
171	315	O Ivanciuc et al.	Characteristic motifs for families of allergenic proteins	10.1016/j.molimm.2008.07.034	2009	Mol Immunol. 2009;46:559-568.	https://www.ncbi.nlm.nih.gov/pubmed/18951633?dopt=Abstract
172	321	SM Choi & CY Ma	Extraction, purification and characterization of globulin from common buckwheat (<i>Fagopyrum esculentum</i> Moench) seeds	10.1016/j.foodres.2006.06.004	2006	Food Res Int. 2006;39:974-981.	https://www.sciencedirect.com/science/article/pii/S0963996906000937
173	326	A Nair & T Adachi	Screening and selection of hypoallergenic buckwheat species	10.1100/tsw.2002.157	2002	ScientificWorldJournal. 2002;2:818-826.	https://www.ncbi.nlm.nih.gov/pubmed/12806007?dopt=Abstract
174	327	K Fujino et al.	Expression, Cloning, and Immunological Analysis of Buckwheat (<i>Fagopyrum esculentum</i> Moench) Seed Storage Proteins	10.1021/jf0011485	2001	J Agric Food Chem. 2001;49:1825-1829.	https://www.ncbi.nlm.nih.gov/pubmed/11308332?dopt=Abstract
175	331	A Nair & T Adachi	Immunodetection and characterization of allergenic proteins in common buckwheat (<i>Fagopyrum esculentum</i>)	10.5511/plantbiotechnology.16.219	1999	Plant Biotechnol. 1999;16:219-224.	https://www.jstage.jst.go.jp/article/plantbiotechnology1997/16/3/16_3_219/article

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
176	347	SS Park et al.	Primary structure and allergenic activity of trypsin inhibitors from the seeds of buckwheat (<i>Fagopyrum esculentum</i> Moench)	10.1016/S0014-5793(96)01367-1	1997	FEBS Lett. 1997;400:103-107.	https://www.ncbi.nlm.nih.gov/pubmed/9000522?dopt=Abstract
177	352	P Chen et al.	Molecular cloning and characterization of Fag t 2: a 16-kDa major allergen from Tartary buckwheat seeds	10.1111/j.1398-9995.2011.02657.x	2011	Allergy. 2011;66:1393-1395.	https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1398-9995.2011.02657.x
178	356	AE Davidson et al. 【原著なし】	Buckwheat-induced anaphylaxis: a case report.	なし	1992	Ann Allergy. 1992;69:158-9.	https://www.ncbi.nlm.nih.gov/pubmed/1510289?dopt=Abstract
179	361	K Yamada et al.	Immediate hypersensitive reactions to buckwheat ingestion and cross allergenicity between buckwheat and rice antigens in subjects with high levels of IgE antibodies to buckwheat.	なし	1995	Ann Allergy Asthma Immunol. 1995;75:56-61.	https://www.ncbi.nlm.nih.gov/pubmed/7621062?dopt=Abstract
180	366	近藤 康人 ら	そば主要アレルゲンの Immunoblotting 法による検討	10.15036/arerugi.42.142	1993	アレルギー. 1993;42:142-8.	https://www.ncbi.nlm.nih.gov/pubmed/8507155?dopt=Abstract
181	367	E Aubrecht & PA Biacs	CHARACTERIZATION OF BUCKWHEAT GRAIN PROTEINS AND ITS PRODUCTS.	10.1556/AAlim.30.2001.1.8	2001	ACTA ALIMENTARIA. 2001;30:71-80.	https://akademai.com/doi/abs/10.1556/AAlim.30.2001.1.8
182	368	J Matuz et al.	Structure and potential allergenic character of cereal proteins - II Potential allergens in cereal samples.	なし	2000	CEREAL RESEARCH COMMUNICATIONS. 2000;28:433-442	https://www.jstor.org/stable/23786221?seq=1#page_scan_tab_contents
183	370	M Yano et al.	Purification and Properties of Allergenic Proteins in Buckwheat Seeds.	10.1271/bbb1961.53.2387	1989	Agri Biol Chem. 1989;53:2387-2392.	https://www.jstage.jst.go.jp/article/bbb1961/53/9/53_9_2387/_article
184	371	A Urisu et al.	Isolation and characterization of a major allergen in buckwheat seeds .	なし	1995	Current Advances in Buckwheat Research, Shinshu University Press, Matsumoto, Japan, 1995;965-974.	http://citeseerx.ist.ps u.edu/viewdoc/download?doi=10.1.1.563.7835&rep=rep1&type=pdf

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
185	375	HS Park & DH Nahm	Buckwheat flour hypersensitivity: an occupational asthma in a noodle maker.	10.1111/j.1365-2222.1996.tb00558.x	1996	Clin Exp Allergy. 1996;26:423-7.	https://www.ncbi.nlm.nih.gov/pubmed/8732239
186	376	ML de Francischi et al.	Chemical, nutritional and technological characteristics of buckwheat and non-prolamine buckwheat flours in comparison of wheat flour.	10.1007/BF01088431	1994	Plant Foods Hum Nutr. 1994;46:323-9.	https://link.springer.com/article/10.1007/BF01088431
187	378	MA Belozersky et al.	Complete amino acid sequence of the protease inhibitor from buckwheat seeds.	10.1016/0014-5793(95)00899-K	1995	FEBS Lett. 1995;371:264-6.	https://www.ncbi.nlm.nih.gov/pubmed/7556606
188	379	MJ Pandya et al.	Complete amino acid sequences of two trypsin inhibitors from buckwheat seed.	10.1016/0031-9422(96)00311-1	1996	Phytochemistry. 1996;43:327-31.	https://www.ncbi.nlm.nih.gov/pubmed/8862028
189	380	TA Tsybina et al.	Cationic inhibitors of serine proteinases from buckwheat seeds.	10.1023/A:1012388805336	2001	Biochemistry (Mosc). 2001;66:941-7.	https://link.springer.com/article/10.1023/A:1012388805336
190	382	FD Maat-Bleeker & SO Stapel	Cross-reactivity between buckwheat and latex.	10.1111/j.1398-9995.1998.tb04094.x	1998	Allergy. 1998;53:538-9.	https://onlinelibrary.wiley.com/doi/pdf/10.1111/j.1398-9995.1998.tb04094.x

4.2.2.2 総説

番号	管理番号	著者	タイトル	DOI	発行年	書誌情報	URL
191	8	S Sato et al.	How to diagnose food allergy	10.1097/ACI.00000000000000441	2018	Curr Opin Allergy Clin Immunol. 2018;18:214-221.	https://journals.lww.com/co-allergy/Abstract/2018/06000/How_to_diagnose_food_allergy.9.aspx
192	10	M Ebisawa et al.	Pediatric allergy and immunology in Japan	10.1111/pai.12117	2013	Pediatr Allergy Immunol. 2013;24:704-714.	https://www.ncbi.nlm.nih.gov/pubmed/24112430
193	59	C Bandelier et al.	Rare food allergies	なし	2008	Rev Med Suisse. 2008;4:1024-1029.	https://www.ncbi.nlm.nih.gov/pubmed/18557531
194	77	H Matsuo et al.	Common food allergens and their IgE-binding epitopes	10.1016/j.alit.2015.06.009	2015	Allergol Int. 2015;64:332-343.	https://www.ncbi.nlm.nih.gov/pubmed/26433529
195	85	S Quirce & A Diaz-Perales	Diagnosis and management of grain-induced asthma	10.4168/aair.2013.5.6.348	2013	Allergy Asthma Immunol Res. 2013;5:348-356.	https://www.ncbi.nlm.nih.gov/pubmed/24179680
196	140	SQ Li & QH Zhang	Advances in the development of functional foods from buckwheat	10.1080/20014091091887	2001	Crit Rev Food Sci Nutr. 2001;41:451-64.	https://www.ncbi.nlm.nih.gov/pubmed/11592684
197	245	L Zuidmeer et al.	The prevalence of plant food allergies: A systematic review	10.1016/j.jaci.2008.02.019	2008	J Allergy Clin Immunol. 2008;121:1210-1218.	https://www.ncbi.nlm.nih.gov/pubmed/18378288?dopt=Abstract
198	357	G Wieslander	Review on buckwheat allergy.	10.1111/j.1398-9995.1996.tb02108.x	1996	Allergy. 1996;51:661-5.	https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1398-9995.1996.tb02108.x

麦類及びそば類アレルギーに係る食品表示についての
食品健康影響評価のための調査 報告書（2019年2月）
エム・アール・アイ リサーチアソシエーツ株式会社