

臨床バイオマーカーデータベース




Global Online Biomarker Database

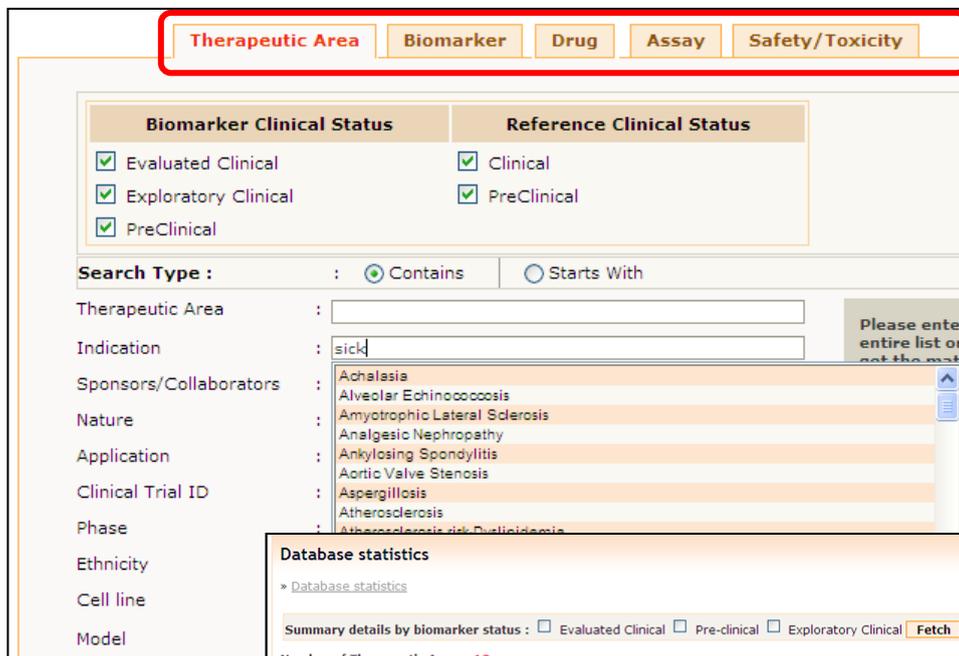
GOBIOM (Global BIO Online Biomarker Database)は、Excelra社のScientist達が、医学・薬学文献、各種reference等をキュレーションし、臨床的に評価されたバイオマーカーを網羅的に収録したオンラインデータベースです。Excelra社とメガファーマが共同で開発したデータベースです。

<登録バイオマーカーの種類>

診断マーカー、疾患マーカー、治療反応マーカー、予後評価マーカー、毒性マーカー、サロゲートマーカー
同一のバイオマーカーが異なる指標として複数の治験で評価されている情報も参照可能です。

検索機能

4つのキーワード（疾患領域、バイオマーカー、アッセイ、安全性/毒性情報）から検索できます。



Therapeutic Area | Biomarker | Drug | Assay | Safety/Toxicity

Biomarker Clinical Status: Evaluated Clinical, Exploratory Clinical, PreClinical

Reference Clinical Status: Clinical, PreClinical

Search Type: Contains, Starts With

Therapeutic Area: []

Indication: sick

Sponsors/Collaborators: []

Nature: []

Application: []

Clinical Trial ID: []

Phase: []

Ethnicity: []

Cell line: []

Model: []

Database statistics

Summary details by biomarker status: Evaluated Clinical Pre-clinical Exploratory Clinical Recently (in last 30 days) Added Biomarkers: 1212

Number of Therapeutic Areas: 18

Number of Total Biomarkers: 27194

Therapeutic Area	Number of Biomarkers	Number of Unique References	Number of Total References	Number of Indications
Certain conditions originating in the perinatal period	2	3	3	2
Congenital malformations, deformations and chromosomal abnormalities	46	19	80	9
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	209	339	675	23
Diseases of the circulatory system	2206	4410	9579	146
Diseases of the digestive system	997	1412	3048	49
Diseases of the ear and mastoid process	4	1	4	1
Diseases of the eye and adnexa	117	157	323	18
Diseases of the genitourinary system	694	1192	2506	37
Diseases of the musculoskeletal system and connective tissue	2012	3370	9435	40
Diseases of the nervous system	1330	2323	5784	56
Diseases of the respiratory system	959	1933	3876	34
Diseases of the skin and subcutaneous tissue	717	698	2074	20
Endocrine, nutritional and metabolic diseases	2096	4628	11729	110
Infectious and parasitic diseases	928	2060	5659	49
Injury, poisoning and certain other consequences of external causes	369	316	822	14
Mental and behavioral disorders	1120	1610	5250	49
Oncology	12137	24848	46313	215
Others	1251	462	2462	1
Total :	27194	49781	109622	873

Database details by Indication

対象治療領域ごとの
バイオマーカーの収録
件数：115,073件
(2017年4月28日
現在)

2週間に1回の頻度で、
新規データの追加・更
新を行います。

検索結果レポート

バイオマーカーの概要情報や以下のリストの内容がデータベースに収録されています。

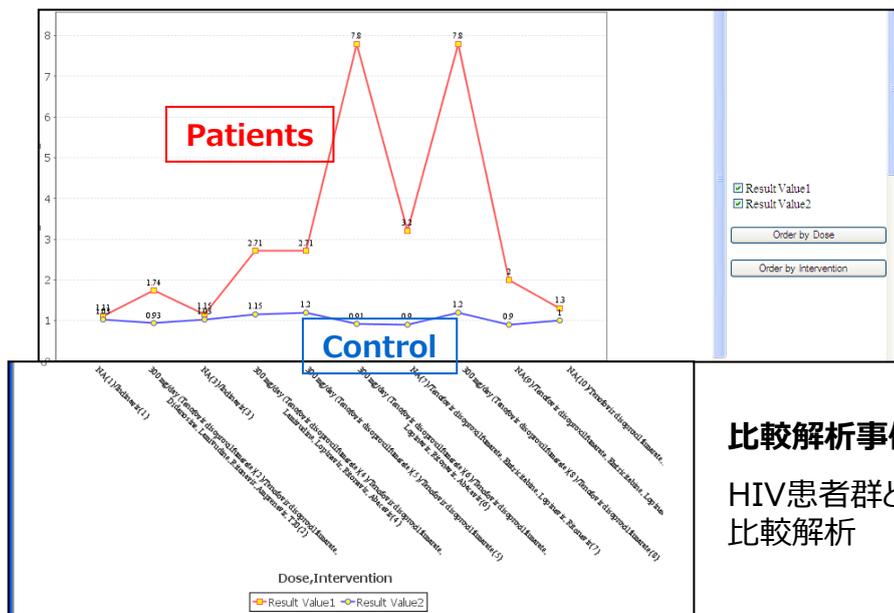
Summary Details						
Record: 1 of 48						
Summary						
Factor XIIa is a serine protease. FXIIa levels among patients in either acute or chronic phase that the initial arterial denudation and the acute-phase response associated to acute coronary diagnosis marker in acute coronary syndrome. FXIIa levels in coronary atherosclerosis patients in controls. XIIaA concentrations remained unchanged in 6 non-heparinised patients under levels rose significantly ($p < 0.01$) in 10 patients after the addition of heparin and FXIIa is						
GVKBMID	CVD-101	CT Reference (Clinical Trial Result Reference)	Application	Application Value	Application Text	Clinical Status
Biomarker Name	COAGULATION FACTOR XII		Prognosis	Yes	FXIIa predicts recurrent coronary events after myocardial infarction in acute coronary syndrome patients	Clinical
Entrez ID	2161		Prognosis	Yes	FXIIa was significantly ($P = 0.005$) associated with coronary artery calcification (CAC) but not independently of other risk factors in patients with acute coronary syndrome	Clinical
Entrez Symbol	F12		Diagnosis	Yes	FXIIa levels in coronary atherosclerosis patients were significantly ($p < 0.01$) high than in controls	Clinical
Entrez Official Name	coagulation factor XII (Hageman factor)		Efficacy	Yes	XIIaA concentrations remained unchanged in 6 non-heparinised patients undergoing elective coronary angiography. XIIaA levels rose significantly ($p < 0.01$) in 10 patients after the addition of heparin	Clinical
KEGG Pathways	<ul style="list-style-type: none"> hsa04610 Complement and coagulation cascades 					
Synonyms	HAE3; HAEX; HAF; Hageman factor; coagulation factor XII					
Biomarker Class	Disease					
Biomarker Type	Biochemical					
Chemical Nature	Protein					
Therapeutic Class	Diseases of the circulatory system					
Biomarker Status	Clinical					
Disease Name	Acute Coronary Syndrome					

収録項目：

治験情報、疾患情報、摘要分野、Chemical Nature(蛋白か代謝物か遺伝子かなど)、LocusID/pathway情報 (KEGG)、治験対象化合物情報、バイオマーカーの検出手法、Sensitivity/Specificity などの評価データ、前臨床動物試験情報 等

検索結果比較解析ツール

検索結果をグラフ表示することにより、注目しているバイオマーカーに関して比較解析を行うことも可能です。



比較解析事例：

HIV患者群と対照群間のcreatinineレベルの比較解析