## **Session-5**Translational Research

### 臨床情報とゲノム情報の統合解析

山崎 力(東京大学・クリニカルバイオインフォマティクス研究ユニット) yama-tky@umin.ac.jp

最新テクノロジーである IT の発達に伴い、米国を中心にヒトゲノム解析の研究が急速に進められ、さまざまな疾患とゲノムとの関連が明らかになってきた。しかし、大部分の現場医療において、ゲノム研究の解析結果に対して実際有効に活用されている面は乏しい。ゲノム解析の推進にも欠かせない技術として IT は貢献してきたが、こうしたゲノム研究を最大限に活用するためにも、臨床情報とゲノム情報の円滑な融合が現在の課題である。実際の医療にこうした研究が応用されることによって、各個人の遺伝子、環境要因に応じたテーラーメード医療が実現する。

### Establishment of clinical data management system and its practical application to genetic epidemiology in cardiovascular medicine

Tsutomu Yamazaki (Dept. of Clinical Bioinformatics, Univ. of Tokyo) yama-tky@umin.ac.jp

The management and analysis of clinical data is a matter of utmost importance, but very complicated and difficult to perform. In proportion to great progress in the exploration of genetic etiology of cardiovascular diseases, a combinational approach to clinical and genetic informatics is necessary. In that context, we established a new data management system to fulfill practical applications to clinical and genetic analyses. Our database system was protected with rigid security, and all parameters of patients who underwent cardiac catheterization were collected and standardized by data managers. Written informed consent to participate was obtained from all patients in genetic analyses. We next constructed an analyzing system linked to our database and obtained real-time processing of clinical data such as patient background and cardiovascular events including target lesion revascularization. We further analyzed several genetic polymorphisms implicated to be associated with atherosclerotic diseases with a result that a few polymorphisms such as adiponectin and MTHFR had positive disease associations with atherosclerotic heart disease. In summary, we established a database system which supports genetic epidemiological studies as well as conventional clinical investigations. The growing knowledge added by both genetic studies and clinical data management have great potential to elucidate genetic susceptibility to coronary artery disease and pathophysiology of atherosclerosis.

### 久留米大学との提携による久留米TRCセンターのご紹介

阿部正知 (株式会社 イベリカ) abe@iberica.co.jp

株式会社イベリカは、2003年7月、久留米大学及びプロテオーム・システムズ・ジャパン社との提携により、久留米大学医学部付属病院敷地内に「久留米トランスレーショナル・リサーチ・センター(TRC)」を開設いたしました。当センターは、臨床薬理試験施設、プロテオーム解析センター及びバイオスタティクス・コアの三部門で構成され、スタッフはバイオ統計学専門家、医師、看護師、検査技師、薬剤師など約20人で構成されています。

日本は米国などに比べ患者を通じた臨床治験施設が不十分で、バイオと情報技術(IT)に詳しい専門家も不足しています。久留米トランスレーショナル・リサーチセンターは、大学施設内に設置されることで、臨床に関する物的及び人的資源が豊富な環境を作り上げ、疾病のメカニズムを多角的に考察する、臨床疫学的見地を加えた臨床薬理試験や、ヒトサンプルを使用したたんぱく質解析などを可能にしました。

ゲノム創薬などに必要な最先端のたんぱく質「プロテオーム」を解析するシステムを導入したほか、日本では不十分な患者の臨床試験施設や、解析したデータを分析評価するバイオ統計施設を整備しています。 イベリカは久留米大から医療技術や患者、サンプルの提供を受け、逆に久留米大にイベリカ取締役でバイオ統計学の専門家である角間辰之氏による講座を提供し、専門家の育成を支援して人材を確保しています。 本講演では、実例も含めて詳細を発表いたします。

### **Introducing Kurume TRC Center**

Masatomo Abe (Iberica Co., Ltd.) abe@iberica.co.jp

In April 2003, Iberica announced that the company opened a translational research center (TRC) at the medical faculty of Kurume University in Kurume, Fukuoka. This facility is comprised of three sectors: pre-clinical testing (Phase-I), proteomics analysis center, and a biostatistics core. Operations has begun in July 2003, with 20 dedicated staff specialists, which include biostatisticians, physicians, clinical nurses, laboratory technicians and pharmacists. This is the first attempt for any privately held corporation in the industry to operate a TRC independently from the faculty management at university hospitals in Japan.

The basic concept of a TRC is where laboratory observations, including the mechanisms of disease, are translated into clinical settings, and where the scientific hypotheses underlying the treatments are properly tested. This is done so clinicians are able to deal more efficiently with the impact of a disease, in order to apply new therapies and treatments, while conducting clinical trials. Most university hospitals welcome the opportunity to house such a facility.

Iberica provides equipment and technical know-how applied to proteomic analysis and biostatistics core to those related academic programs at the medical faculty free of charge. In return, the university hospital provides its state of art technology in medical treatments, specialists in clinical studies, and subject samples, while also aiding in patient recruitment.

More details with case studies at TRC will be introduced in this session.

### Session-6-1

Advantages for evaluation of safety

- Safety standard for blood drugs -

### 血液製剤の安全性の基準

佐々木次雄(国立感染研・細菌第一部)sasaki@nih.go.jp

本研究目的から考え、血液製剤の安全性上、最も注意を払うべき事項はウイルス汚染を防止することである。血液は、種々のウイルスを迎え入れることができ、これまでにもヒト血液から作られた医薬品の使用によってHBVやHIVなどのウイルス感染を引き起こしてきた。血液や血液製剤を介してのウイルス感染の危険性は、個々の血液提供者をチェックすることによって減らすことはできる。規制当局は、血液や血液製剤に対して行わなければならない試験項目を定め、これを定期的に見直し、最新の知識をもって修正も加えてきた。血液製剤の製造には、特別な注意と規制当局に認められた適切な製造管理が必要である。

モノクロ抗体は、クローン化された連続培養細胞系であるBリンパ細胞が分泌する均質な蛋白である。現在、多くのモノクロ抗体が in vitro/in vivo 診断薬同様、抗腫瘍治療、臓器移植時における免疫抑制、受身免疫など種々の治療目的に用いられている。本セッションでは、ヒトに使用する血液製剤とモノクロ抗体の安全性についてウイルス汚染防止を含め、総合的に述べたい。

### Assuring the Safety of Blood Products for Human Use

Tsuguo Sasaki (National Inst. of Infectious Dis.) sasaki@nih.go.jp

Considering from the purpose of this research project, the most important safety matter is to prevent virus transmission from the blood products used for the treatment. Blood can harbor a number of different viruses, and the use of medicinal products derived from human blood has led to transmission of viruses such as HBV and HIV. The risk of virus transmission by blood and blood products can be diminished by the testing of all individual donations. Policies for mandatory testing shall be determined by the national control authority, and should be reviewed regularly and modified according to the current state of knowledge. Special care and appropriate measures approved by the national control authority must be taken to produce blood products.

Monoclonal antibodies are homogenous products secreted by immortalized B lymphocytes that are cloned and expanded in continuous cell lines. Many kinds of monoclonal antibodies are now available for a variety of clinical purposes such as anti-tumor therapy, immunomodulation and passive immunization, as well as for *in vivo* or *in vitro* diagnosis. In this session, I'd like to talk about the safety measures of blood products and monoclonal antibodies for use in humans.

# Session-6-2 Advantages for evaluation of safety - Development of model mice -

### モデル動物の開発 1) CAWS 誘発血管炎

大野尚仁(東京薬科大学薬学部)ohnonao@ps.toyaku.ac.jp

病原性真菌  $Candida\ albicans$ 細胞壁多糖画分(CADS)をマウスの腹腔内に頻回投与すると冠状動脈炎が惹起される(東邦大学 直江史郎博士ら)。この病態モデルを発展させるべく, $C.\ albicans$  の様々な画分について血管炎誘発活性を比較検討したところ,完全合成培地で培養後,菌体外に放出された多糖画分CAWS が顕著な血管炎を惹起することを見出した。このCAWS は主に mannoprote in- $\beta$ -glucan 複合体から構成される。CAWS 誘発血管炎について種々の観点から解析したところ,以下のような特徴のあることが明らかとなった。即ち,1)血管炎誘発には系統差があり,DBA/2 が最も重篤な血管炎を惹起し、C57B1/6,C3H/HeN も血管炎を惹起した。-方,CBA/j では殆ど血管炎が認められなかった。2)DBA/2 マウスの病変は心筋にまで広く波及し,2 ヶ月以内に半数以上が死亡した。3)これらのマウス脾細胞のサイトカイン産生能はDBA/2 は IL-6,TNF- $\alpha$ ,IFN- $\gamma$  高産生,CBA/j は IL-10 高産生であった。

さらに未処置 DBA/2 マウスの真菌多糖に対する反応性を調べたところ, CAWS 静脈内投与による急性致死に対して抵抗性を示す一方,細胞壁β-glucan に自然感作されて特異抗体を有し、脾細胞のサイトカイン産生能も著しく高進していた。

これらのことから、真菌多糖に対する感受性の違いが、血管炎発症の系統差に著しい 影響を与えているものと思われる。また、本モデルは、血管炎発症機序の解析、関連遺 伝子の解析、治療法の開発など、様々な観点で血管炎研究に貢献できるものと考える。

#### Animal model: CAWS induced vasculitis

Naohito Ohno (Tokyo University of Pharmacy and Life Science) ohnonao@ps.toyaku.ac.jp

Intraperitoneal administration of CAWS (water-soluble extracellular polysaccharide fraction obtained from the culture supernatant of *Candida albicans*) to mice induces vasculitis. Using this model, we analyzed the difference in the production of cytokines involved in the occurrence of vasculitis among mouse strains. CAWS was administered intraperitoneally to mice at 4 mg/mouse for 5 consecutive days in week 1 and/or week 5, and the difference in the incidence of vasculitis among several mouse strains was analyzed. The incidence was low in CBA/J and high in C57BL/6, C3H/HeN and DBA/2 mice. Moreover, the vasculitis observed in DBA/2 mice was the most serious, with some of those mice expiring during the observation period. Various immune and inflammatory parameters were measured and revealed increased levels of IL-6, TNF- $\alpha$  and IFN- $\gamma$  in CAWS-sensitive mice. On the other hand, IL-10 levels were observed to increase markedly in CAWS-resistant mice. Naive DBA/2 mice were resistant to CAWS induced acute toxicity, and contained anti- $\beta$ -glucan antibody and the spleen cells were reacted strongly to the glucan to produce significant levels of cytokines. These facts may be attributed to the genetic background of the immune response to CAWS, which is an important factor contributing to the occurrence of vasculitis.

### 好中球機能異常モデルマウスと大腸炎

荒谷康昭 (横浜市大・木原研) yaratani@yokohama-cu.ac.jp

感染等によって活性化した好中球は、NADPH オキシダーゼによって酸素からスーパーオキシドを、またミエロペルオキシダーゼ (MPO) によって過酸化水素から次亜塩素酸を活発に産生する。好中球から産生されるこのような活性酸素は、感染初期の生体防御に重要な働きを営む。しかし、活性酸素の放出が長時間持続すると正常組織にも障害を及ぼす可能性がある。潰瘍性大腸炎の原因は不明である。しかし、1) 大腸炎患部に自血球の顕著な浸潤が認められること、2)患者の末梢血白血球からは活性酸素の過剰産生が認められること、3) 白血球除去療法がしばしば有効であることなどから、白血球由来の活性酸素がこの疾患に大きく寄与している可能性が高い。そこで、この可能性を検証するために、独自に作製したMPOのノックアウト(MPO-KO)マウスにデキストラン硫酸ナトリウム(DSS)を投与して大腸炎を誘発させた。すると、予想に反して、MPO-KOマウスの方が野生型マウスよりも大腸炎が早期に進行した。また、MPOとNADPH-オキシダーゼの二重欠損(MPO-KO/CGD)マウスの大腸炎は、さらに早期に進行した。すなわち、好中球に存在する活性酸素の代謝酵素を欠損することによって、DSS 誘発性大腸炎の進行が速まることが明らかとなった。

### Increased sensitivity of mice deficient in the production of reactive oxygen species from their neutrophils

Yasuaki Aratani (Yokohama City Univ.) yaratani@yokohama-cu.ac.jp

Although many factors have been implicated in the pathogenesis of ulcerative colitis, its precise mechanism remains unclear. It has been proposed that reactive oxygen species (ROS) produced by neutrophils play an important role in its development. Myeloperoxidase (MPO) and NADPH-oxidase are located mainly in neutrophils, and they catalyze the reaction to produce hypochlorous acid and superoxide, respectively. Mice genetically deficient in either MPO (MPO-KO mice) or NADPH-oxidase (CGD mice), or in both enzymes (MPO-KO/CGD mice), and wild-type mice were fed dextran sulfate sodium (DSS) to induce colitis. Histologically, all of the mutant mice showed more rapid onset of colitis than the wild-type mice, and the highest severity was observed in the MPO-KO/CGD mice. Unexpectedly, these findings demonstrate that lack of ROS production from neutrophils induce DSS-induced colitis.

### [型アレルギー疾患の病態モデル評価系

中山俊憲(千葉大院、免疫細胞医学)tnakayama@faculty.chiba-u.jp

CD4 陽性のヘルパーT 細胞(Th)は、生体防御としての免疫系において中心的役割を果たす細胞である。Th 細胞は、産生するサイトカインによって Th1 細胞 (IFNy, IL-2 産生)と Th2 細胞(IL-4, IL-5, IL-13 産生)に分類される。これらの細胞は、産生するサイトカインが違うために、それぞれ違った局面で免疫反応を担っている。たとえば、対応する病原微生物も Th1 が主に細胞内に感染するもの、Th2 は細胞外に感染するものと言った具合である。分化した Th1/Th2 細胞は、それぞれが産生するサイトカイン、すなわち IFNyと IL-4によってお互いを抑制する機能を持ち、生体内では常にあるバランスをもって存在している。アレルギーや自己免疫疾患のような難治性の免疫病において Th1/Th2 細胞のバランスが崩れていることも明らかになってきた。 Th2 優位の状態は、花粉症やアトピー性皮膚炎、喘息などの I 型アレルギーの発症と密接な関係があり、最近は、Th1/Th2 細胞のバランスをコントロールすることができれば、少なくともいくつかの免疫病の治療ができるのではないかというアイデアの基に研究が進んでいる。今回のシンポジウムでは、著者らの最近の研究結果を紹介しながらマウス気道炎症の I 型アレルギー疾患の病態モデル評価系について討論したい。

### T lymphocyte regulation of allergic athma

Toshinori Nakayama (Dept. Med. Imm. Chiba Univ.) tnakayama@faculty.chiba-u.jp

CD4<sup>+</sup> helper T cells are divided into two distinct subpopulations on the basis of their cytokine production profiles. Type-2 helper T (Th2) cells produce IL-4, IL-5 and IL-13, whereas Th1 cells produce interferon (IFN)γ and tumor necrosis factor (TNF)β. Since these cytokines exert distinct biological functions in various immune responses, the investigation of the molecular mechanisms governing Th1/Th2 cell development is essential for understanding immune responses toward infectious diseases and the pathogenesis of allergic and autoimmune diseases. I am going to introduce an OVA-induced allergic airway inflammation model, where peribronchial and perivascular inflammation, eosinophilic infiltrations in bronchioalveolar lavage (BAL) fluid and airway hyperresponsiveness can be evaluated quantitatively. By using this system we found that the levels of activation of Ras/MAPK signaling cascade and the amount of tyrosine phosphatase SHP-1 in T cells are critical for the pathogenesis of allergic asthma (1). Also, IL-4 and IL-13 production from NKT cells are shown to be importantfor the pathogenesis of allergic asthma (2).

#### References:

- 1. Kamata, T. et al.: *src* homology 2 domain-containing tyrosine phosphatase SHP-1 controls the development of allergic airway inflammation. *J. Clin Inv.* 111:109-119, 2003.
- 2. Akbari, O. et al.: Critical role of NKT cells producing IL-4 and IL-13 in the development of allergen induced airway hyperreactivity. *Nature Med.* 9:582-588,2003.

### **Closing Remarks**

#### 本シンポジウムのまとめ

#### 鈴木和男

国立感染研・生物活性 (ksuzuki@nih.go.jp) 日本バイオイメージング学会会長

Phone: +81-3-5285-1111 ext. 2329 Fax: +81-3-5285-1160 <u>ksuzuki@nih.go.jp</u>

この1年間にバイオイメージングとナノテクノロジーの融合をめざした公開シンポジウムを、3回にわたって開催しました。このシンポジウムは、2つの学会を中心としていくつかの主催者によって開催されました。このシンポジウムは、多くの研究者や学生に興味をもたれました。そこで、今回は、3回目になることもあり、より具体的なテーマをとりあげて、「ナノとバイオイメージングの融合と医用への展開」― 安全な医薬・治療法へのアプローチ ―と題して行うことになった。

とりわけ、治療や医薬の安全性が重視されている今日、安全で経済性の高い医薬の提供、非侵襲性の診断法や治療判定や医薬・診断の安全性の評価など、これまでにない医療の開発が要望されています。一方、治療薬の開発には莫大な費用がかかり、しいては薬価へそれがはねかえってきます。また、臨床試験にも莫大な費用と時間がかかり、や審査基準も厳しい状況から、多くの日本の製薬企業は、海外での臨床試験、審査をしているともいわれています。このような現状も考えなくてはならない時代にさしかかっています。

そこで、今回は、1)新しいテクノロジーの創出による治療法・診断の方法の基礎、2)新らしい治療法の開発、3)安全性の評価と新しい臨床試験の模索の広い視野から討論する。と、いう視点からのシンポジウムを企画しています。

シンポジウムが終わって、参加されたみなさんからのご意見やコメントを期待しています。

### **Conclusion of This Symposium**

Kazuo Suzuki

National Institute of Infectious Diseases President of Bioimaging Society

We have held symposia in collaboration between Bioimaging and Nano-technology for three times in a year. These symposia have been mainly organized by Bioimaging Society and Bio-Nano Committee, Society of Chemical Engineering, Japan with other collaborations. A lot of researchers and students are interested in these symposia. This time we focused to "Symposium Application to Medical Sciences by Collaboration between Nano-technology and Bioimaging-Approach to Therapy and Drugs with Safety-"

Because, safety in use of drugs for therapy, and higher performance in both medical treatment and diagnosis are requested, recently. In addition, cost for development in new drugs and diagnostic tools increases. We have to improve the system to increase safety in this new age, but decrease the cost. Then, we will discuss about these problems in 1) New approach to diagnoses and therapy using new technology, 2) New treatment, and 3) safety to use drugs.

We would know some comments from audiences in this symposium.

### 研究成果の刊行に関する一覧表

### 書籍

著者氏名	論文タイトル名	書籍全体の 編集者名	書籍名	出版社名	出版地	出版年	ページ
Kodama M, Aizawa Y	Animal Models of Autoimmune Myocarditis	LT Cooper Jr.	'	Humana Press	New Jersey USA	2003	197-214
大内 敬 新井孝夫	シポソームを用いたモノクロ ーナル抗体の生細胞導 入法の開発とその応 用		ナノバイホテクノロジーの 最前線	シーエムシー出版		2003	258-265

### 雑誌

宋E i心					
発表者氏名	論文タイトル名	発表雑誌	巻号	ページ	出版年
Akiko Ishida-Okawara,	Neutrophil contribution to the	Nephrology,	in press		2004
Toshiko Ito-Ihara, Eri Muso,	crescentic glomerulonephritis	Dialysis and			
Takahiko Ono, Kan Saiga,	in SCG/Kj mice	Transplantation, 2			
Kyuichi Nemoto, Kazuo					
Suzuki					
Hoshino, A., Hanaki, K.,	Applications of T-lymphoma	Biochem. Biophys.	314:	46–53	2004
Suzuki, K. and Yamamoto,	labeled with fluorescent	Res. Comm.			
K	quantum dots to cell tracing				
	markers in mouse body				
Ohashi, Y.Y., Kameoka, Y.,	Novel missense mutation found	Gene			2004
Persad, A.S., Kohi, F.,	in Japanese patient with			-	
Yamagoe, S., Hashimoto, K.,	myeloperoxidase deficiency				
and <b>Suzuki, K</b>					
Ichimori, K., Fukuyama, N.,	Myeloperoxidase has	Free Radical	37	481-489	2003
Nakazawa, H., Aratani, Y.,	directly-opposed effects on	Research			
Koyama, H., Takizawa, S.,	nitration reaction - Study on				
Kameoka, Y.,	myeloperoxidase-deficient				
Ishida-Okawara, A., Kohi, F.,	patient and				
and <b>Suzuki,</b> K	myeloperoxidase-knockout				}
	mice			00=00=	
Murata, K., Inami, M., Kubo,	CD69-null mice protected from	Int. Immunol.	15	987-992	2003
S., Kimura, M, Yamashita,	arthritis induced with				
M., Hosokawa, H., Nagao,	anti-type-II collagen antibodies				
T., Suzuki, K., Hashimoto,					
K., Shinkai, H., Koseki, H.,					
Taniguchi, M., Ziegler, S.F.,					
H., Nakayama, T.	D	. Microbiol	47	527-531	2003
Nunoi, H., Kohi, F.,	Prevalence of Inherited		4/	32/-331	2003
Kajiwara, H., Suzuki, K	Myeloperoxidase Deficiency in	Immunol.			
C-i	Japan Distinct coloium response	Diaimage:	11	1-8	2003
Sakamoto, M., Hasegawa,	Distinct calcium response	Bioimages	11	1-0	2003
A., Sugaya K., Hashimoto,	induced by T-cell antigen receptor stimulation in				
K., Kimura, M., Yamashita,	1 *				
M., Suzuki, K., Nakayama,	thymocytes and mature T cells				
Suzuki, K	Neutrophil functions of patients	Internal Med	42	552-553	2003
Sawan' v	with MPO-ANCA-related	Internal Med	72	334-333	2003
	vasculitis				
Kamei, K., Sano, A, Kikuchi,	The trend of imported	J. Infect.	9	16-20	2003
K., Makimura, K., Niimi, K.,	myucoses in Japan	Chemother	_	15-26	2003
Suzuki, K., Uehara, Y.,	my decises in supan	Chomonion			
Duzausia ano Collara, 1.,			I	L	L

Okabe N., Nishimura, K.,					
Miyaji, M  Mie Ito, Oda, Yamagoe S.  Suzuki K, Tanokura, M	Expression, oxidative refolding and characterization of six-histidine-tagged recombinant human LECT2, a 16-kDa chemotactic protein with three disulfide bonds	Protein Expression Purif.	27	272-278	2003
武曾惠理 猪原登志子	MPO-ANCA 関連腎炎・血管 炎への経静脈的ガンマグロ ブリン療法の展望	医学のあゆみ	206(2)	157-159	2003
武曾恵理 猪原登志子	血管炎症候群と免疫グロブ リン大量療法	リウマチ科	31(1)	67-74	2004
Tokano Y, Ogasawara H, Ando S, Fujii T, Kaneko H, Tamura N, Yano T, Hirokawa K, Fukazawa T, Murashima A, Kobayashi S, Sekigawa I, Takasaki Y, Iida N, Hashimoto H	Cyclosporin A therapy for interstitial pneumonitis associated with rheumatic disease	Mod Rheumatol	12	305-310	2003
Bando H, Tamura N, Kobayashi S, Ohyanagi M, Ichimura Y, Tajima M, Haruta K, Hashimoto H	Endothelial cell-binding antibodies in patients with systemic lupus erytematosus	Mod Rheumatol	13	44-49	2003
Ikeda K, Takasaki Y, Hirokawa K, Takeuchi K, Hashimoto H	Clinical significance of antibodies to TS1-RNA in patients with mixed connective tissue disease	J Rheum.	30	998-1005	2003
Kobayashi S, Yano T, Matsumoto Y, Numano F, Nakajima N, Yasuda K, Yutani C, Nakayama T, Tamakoshi A, Kawamura T, Ohno Y, Inaba Y,Hashimoto H	Clinical and epidemiologic analysis of giant cell (temporal) arteritis from a nationwide survey in 1998 in Japan: The first government-supported nationwide survey	Arthritis Rheum.	49	594-598	2003
Tsuchiya N, Kobayashi S, Kawasaki A, Kyogoku C, Arimura Y, Yoshida M, Tokunaga K, Hashimoto H	Genetic background of Japanese patients with antineutrophil cytoplasmic antibody-associated vasculitis: association of HLA-DRB1*0901 with microscopic polyangiitis	J Rheum.	30	1534-1539	2003
Takaya M, Tamura N, Kato K, Kobayashi S, Haruta K, Tajima M, Hara M, Yang K, Tsuda H, Hashimoto H	CD154 expression and mRNA stability of activated CD4-positive T cells in patients with systemic lupus erythematosus	Mod Rheumatol	13	220-226	2003
Kobayashi S, Yano T, Inaba Y, Hashimoto H, Matsumoto Y, Tamakoshi A, Kawamura T, Ohno Y	Ocular involvements of Japanese patients with gaint cell arteritis from the first nation-wide survey. (letter)				2003
Bando H, Kobayashi S, Matsumoto T, Tamura N, Yamanaka K, Yamaji C, Takasaki C, Takasaki Y, Hashimoto H	Acute acalculous cholecytits induced by mesenteric inflammatory veno-occlusive desiease (MIVOD) in systemic lupus erythematosus	Clin Rheumatol	22	447-449	2003
Kobayshi S, Ishizuka S, Tamura N, Takaya M, Kaneda K, Hashimoto H	Churg-Stauss syndrome (CSS) in a patient receiving pranlukast	Clin Rheumatol	22	491-492	2003
Satoru Abe, Yuji Okura, Makoto Hoyano, Ryu Kazama, Satoru Watanabe,	Plasma Levels of Cytokines and Neurohumoral Factors in a Case of Fulminant Myocarditis	Circulation Journal	in press		

Intracences Manament Happedis, Intracences Immuneglobeling and Intracentes Interacentes In	Takuya Ozawa, Takashi	Successfully Treated with		T		
Tachikawa, Ken Kashimura, Kesiuke Suzuki, Masayuki Nagahashi, Junzo Watanabe, Kouji Shimada, Go Hasegawa, Kiminori Kato, Haruo Hanawa, Makoto Kodama, Yoshifusa Arizawa Kofehi Puse, Makoto Kodama, Yoshifusa Arizawa Takabi Hashimura, Takao Yangawa, Makoto Kodama, Yoshifusa Arizawa Takabi Hashimura, Takao Yangawa, Makoto Kodama, Kale Myocarditis With aprilated Makoto Nadama, Kale Myocarditis Milki Saifkanabe, Yuji Okura, Kiminori Kato, Haruo Hanawa, Kiminori Kato, Haruo Hanawa, Kiminori Kato, Haruo Hanawa, Kiminori Kato, Haruo Hanawa, Saifusawa, Kangai Miko Nakazawa, Go Hasegawa, Makoto Kodama, Palaniyandi Surshi, Palaniy						
Keisuke Suzuki, Masquki Nugashashi, Junzo Watanabe, Kouji Shimada, Go Hasegawa, Kiminori Kato, Haruo Hanawa, Makoto Kodama, Yoshifusa Aizawa Koicihi Fuse, Makoto Kodama, Yuji Okura, Imahashiro Iko, Kiminori Kato, Haruo Hanawa, Yashifusa Aizawa Takeshi Kashimura, Takao Janawa, Yashifusa Aizawa Takeshi Kashimura, Takao Janawa, Yashifusa Aizawa Takeshi Kashimura, Takao Janawa, Yoshifusa Aizawa Pause K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, Yoshifusa Aizawa Fuse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, Saki, Y Aizawa.  Kenichi Watanabe, Yuki Caprinoprial wate and cilincal course of experimental autoimmune myocardiis in rate with dilated with significant aortic stenosis Aizawa Fuse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, Saki, Y Aizawa.  Kenichi Watanabe, Yuki Caprinoprial with enalapril in wate and cilincal course of experimental autoimmune myocardiis in rate with dilated with significant aortic stenosis Aizawa, Fuse Aixawa Fuse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, Saki, Y Aizawa.  Kenichi Watanabe, Yuki Caprinoprial with enalapril in rata with dilated Air, Ken Shiral, Mayako Soga, Yusuko Magai, Miko Nakozawa, Go Hasegawa, Makoto Naic, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Melei Manawa, Kiminori Kato, Kanichi Watanabe, Melei Manawa, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Kenichi Watanabe, Melei Manawa, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa and interleukin-10.  Kazama R, Okura Y, Hoyana M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Haraputi Conicopinal Manawa, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa				ļ		
Nagahashi, Junzo Watanabe, Koigi Shimada, Go Hasegawa, Kiminori Kato, Haruo Hanawa, Makoto Kodama, Yeshimaa Koichi Fase, Makoto Kodama, Yeji Okura, Kane Jarao Hanawa, Yoshifusa Aizawa Takeshi Kashimura, Takao Yanagawa, Makoto Kodama, Risuo Watanabe, Yuji Okura, Kiminori Kato, Charao Watanabe, Yuji Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa Pise K, M Kodama, M Ito, Polariy of helper T cell Hanawa, Saoki, Yaizawa. Pise K, M Kodama, M Ito, Polariy of helper T cell Hanawa, Saoki, Yaizawa. Pise K, M Kodama, M Ito, Polariy of helper T cell Gardionyopathy complicated Harao Hanawa, Kiminori Kato, Comparative effects of Saito, Mellei Ma, Mir Wahed, Yisiki Ahe, Kemichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shira, Mayako Soga, Yusuke Nagai, Miko Nakozawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yeshifusa Aizawa, Kenichi Watanabe, Walamaka, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Walamabe, Melei Ma, Mir I I Wahed, Grata with dilated Hasegawa, Makoto Naito, Makoto Kodama, Makoto Naito, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Melei Ma, Mir I I Wahed, Grata with dilated cardionyopathy after Muse, Kiminori Kato, Makoto Kodama, Yeshifusa Aizawa Kenichi Watanabe, Melei Ma, Mir I Wahed, Grata with dilated cardionyopathy after Muse, Kiminori Kato, Makoto Kodama, Neshifusa Aizawa Kenichi Watanabe, Melei Ma, Mir I Wahed, Grata with dilated cardionyopathy after Muse, Kiminori Kato, Makoto Kodama, Neshifusa Aizawa Kenichi Watanabe, Melei Ma, Mir I Wahed, Grata with dilated cardionyopathy after Muse, Kiminori Kato, Makoto Kodama, Neshifusa Aizawa Kenichi Watanabe, Melei Ma, Mir I Wahed, Grata with dilated cardionyopathy after Muse, Kiminori Kato, Makoto Kodama, Neshifusa Aizawa Makoto Naito, Makoto Naito, Makoto Naito, Makoto Kodama, Yoshifusa Aizawa Makoto Naito, Makoto Makoto Naito, Mirosa T, Makoto Naito, Mirosa T, Makoto Naito, Mirosa T, Makoto Naito, Mirosa T, Makoto Naito, Mirosa T		Cardiopulmonary Support				
Watanabe, Konji Shimada, Go Hasegawa, Kiminori Kato, Haruo Hanawa, Makoto Kodama, Yehifusa Aizawa Riceichi Fuse, Makoto Kodama, Yehifusa Kiminori Kato, Haruo Hanawa, Makoto Kodama, Yuji Okura, Makoto Kodama, Yuki Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa Rikeni Kashimura, Takao Yangawa, Malamawa, Yoshifusa Aizawa Aizawa Karawa Ka						
Go Hasegawa, Kiminori Kato, Haruva Hanawa, Makoto Kodama, Yuji Okura, Karo, Haruo Hanawa, Kato, Haruo Hanawa, Yoshifusa Aizawa  Rakeshi Kachimura, Takao Yangawa, Nakoto Kodama, Yuji Okura, Kiminori Kato, Maruo Hanawa, Yoshifusa Aizawa  Rakeshi Kachimura, Takao Yangawa, Yangawa, Makoto Kodama, Yuji Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa  Pisse K, M Kodama, M Ito, Yo Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa  Fisse K, M Kodama, M Ito, Yo Okura, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Ale, Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Ale, Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Risawa, Kimitori Kato, Comparative effects of perindeporli with enalapril in rats with dilated ardiomyopathy Makoto Kodama, Yoshifusa Aizawa, Kenichi Watanabe, Miko Nakazawa, Ga Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa, Kenichi Watanabe, Miko Nakazawa, Ga Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa, Kenichi Watanabe, Miko Nakazawa, Kenichi Watanabe, Miko Nakazawa, Kenichi Watanabe, Miko Nakazawa, Kenichi Watanabe, Miko Makoto Kodama, Yoshifusa Aizawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa, Ke	,				1	1
Matoct Kodama, Yoshifusa Aizawa Kicoichi Fuse, Makoto Kodama, Yuji Okura, Masahiro Ino Kliminori Kato, Haruo Hanawa, Yoshifusa Aizawa Takeshi Kashimura, Tiakao Yanagawa, Makoto Kodama, Ritsuo Watanabe, Yuji Okura, Kaminori Kato, Haruo Hanawa, Yoshifusa Aizawa Takeshi Kashimura, Tiakao Yanagawa, Makoto Kodama, Ritsuo Watanabe, Yuji Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa Polarity of helper T cell subsets represents disease anture and clinical course of experimental autoimmune myocarditis in rats Comparative effects of experimental matominum myocarditis in rats With dilated ardiomyopathy Arsistmana, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Vagai, Mikio Nakazawa, Coh Hasegawa, Makoto Nato, Hitoshi Takshikawa, Makoto Kodama, Yoshifusa Aizawa, Kenichi Watanabe, Mikio Nakazawa, Satoru Abe, Tiayoshix Aidawa Makoto Kodama, Kiminori Kato, Kenichi Watanabe, Mikio Nakazawa, Satoru Abe, Tiayoshix Aidawa Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tiayoshix Aidawa Kaninori Kato, Kenichi Watanabe, Yashifusa Aizawa  Makoto Kodama, Kiminori Kato, Kenichi Watanabe, Yashifusa Aizawa  Makoto Kodama, Koshifusa Aizawa  Kazima R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, O						
Makoto Kodama, Yoji Okura, Makoto Kodama, Yoji Okura, Kiminori Kato, Haruo Hanawa, Yashifiusa Aizawa Takeshi Kashimura, Takao Yangawa, Makoto Kodama, Mito, Yokura Kiminori Kato, Watanabe, Yuji Okura, Kiminori Kato, Watanabe, Yuki Salamawa, Yoshifiusa Aizawa Takeshi Kashimura, Takao Yangawa, Makoto Kodama, Mito, Yokura Kiminori Kato, Watanabe, Yuki Salamawa, Yoshifiusa Aizawa Comparative effects of Salto, Meilei Ma, Mir Wahed, Yujehi Abe, Kenichi Hirabayshi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Padia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Genichi Yangauchi, Toshihiro Takabashi Takehikawa, Harudhanawa, Kiminori Kato, Kenichi Watanabe, Waliei Ma, Mir Jahawa, Kiminori Kato, Kenichi Watanabe, Makoto Kodama, Wakoto Kodama, Wakoto Kodama, Wakoto Kodama, Wakoto Kodama, Wakoto Kodama, Kiminori Kato, Kenichi Watanabe, Makoto Kodama, Kiminori Kato, Kenichi Watanabe, Waliei Ma, Mir Il Wahed, Go Makozawa, Kenichi Watanabe, Waliei Ma, Mir Il Il Wahed, Go Makozawa, Kenichi Watanabe, Waliei Ma, Mir Il Wahed, Go Makoto Kodama, Yoshifusa Aizawa Juan Wen, Miko Nakazawa, Satoru Maanawa, Kiminori Kato, Kenichi Watanabe, Waliei Ma, Mir Il Wahed, Go Masagawa, Makoto Najio, Takashi Wanamoto, Koichi Watanabe, Kaliei Ma, Mir Il Wahed, Go Masagawa, Makoto Najio, Takashi Wanamoto, Koichi Watanabe, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Miko Nakazawa, Kanichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Miko Nakazawa, Kanichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Miko Nakazawa, Kanichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Miko Nakazawa, Kanichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Miko Nakazawa, Kanichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Miko Nakazawa, Kanichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Miko Nakazawa, Kanichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Miko Nakazawa, Kanichi Wata						
Koichi Puse, Makoto Kodana, Yuji Okura, Masahire Ito, Kiminori Kato, Harno Hanawa, Yoshifusa Aizawa Takeshi Kashimura, Takao Yanagawa, Makoto Kodana, Risiwo Watanabe, Yuji Okura, Kato, Harno Hanawa, Yoshifusa Aizawa Takeshi Kashimura, Takao Yanagawa, Makoto Kodana, Risiwo Watanabe, Yuki Okura, K Kato, Hanawa, Soki, Andrew Makoto Kodana, Risiwo Watanabe, Yuki Saito, Melici Ma, Makoto Kodana, Aliki Nakazawa, Gorindi Makoto Kodana, Nikio Nakazawa, Gorindi Mikio Nakazawa, Gorindi Mikio Nakazawa, Gorindi Watanabe, Yoshifusa Aizawa Makoto Naito, Hitoshi Tachikawa, Haro Hanawa, Kiminori Kato, Kenichi Watanabe, Kiminori Kato, Kenichi Watanabe, Makoto Kodana, Yoshifusa Aizawa, Makoto Kodana, Yoshifusa Aizawa, Makoto Kodana, Yoshifusa Aizawa, Cenichi Watanabe, Makoto Kodana, Yoshifusa Aizawa, Makoto Kodana, Yoshifusa Aizawa, Genichi Watanabe, Yoshifusa Aizawa, Kenichi Watanabe, Makoto Kodana, Yoshifusa Aizawa, Genichi Watanabe, Yoshifusa Aizawa, Kenichi Watanabe, Kocichi Puse, Kiminori Kato, Makoto Kodana, Koshifusa Aizawa Kenichi Watanabe, Kocichi Puse, Kiminori Kato, Makoto Kodana, Koshifusa Aizawa Kenichi Watanabe, Makoto Naito, Makoto Kodana, Koshifusa Aizawa Genichi Watanabe, Yoshifusa Aizawa Genichi Watanabe, Kocichi Puse, Kiminori Kato, Makoto Kodana, Koshifusa Aizawa Genichi Watanabe, Kocichi Puse, Kiminori Kato, Makoto Kodana, Noshifusa Aizawa and Ribrose fina da di interleukin-10.  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Washifusa Aizawa (Enrichi Watanabe, Makoto Kodana, Noshifusa Aizawa and interleukin-10.  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Washifusa Aizawa (Enrichi Watanabe, Makoto Kodana, Noshifusa Aizawa and interleukin-10.  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Washifusa Aizawa (Enrichi Watanabe, Makoto Kodana, Noshifusa Aizawa (Enrichi Watanabe, Makoto Kodana, Nosh						
Koichi Fuse, Makoto Kodama, Yuji Okura, Masahiro Ito, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa   Takeshi Kashimura, Takao Yanagawa, Makoto Kodama, Yoshifusa Aizawa   Saoki, Y Aizawa.   Polarity of helper T cell subsets represents disease nature and clinical course of experimental autoimmune myocarditis in rats   Kenichi Watanabe, Yuki Okura, Kiminori Kato, Melici Ma, Mir I Mahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Penlainyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakozawa, Genichi Yanaguchi, Toshihiro Takahashi   Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Yoshifusa Aizawa   Quinapril inhibits progression dhasaya, Kenichi Watanabe, Kenichi Watanabe, Kenichi Watanabe, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Quinapril inhibits progression of hasa full interest in the with dilated cardiomyopathy after myocarditis   Makoto Kodama, Yoshifusa Aizawa   Quinapril inhibits progression of hasa full interest in the with dilated cardiomyopathy after myocarditis   Makoto Kodama, Yoshifusa Aizawa   Quinapril inhibits progression of hasa full interest in the with dilated cardiomyopathy   Alichi Makoto Kodama, Yoshifusa Aizawa   Quinapril inhibits progression of hasa full interest in the with dilated cardiomyopathy after myocarditis   Makoto Kodama, Yoshifusa Aizawa   Quinapril inhibits progression of heart failure and fibroses in that with dilated cardiomyopathy after myocarditis   Makoto Kodama, Yoshifusa Aizawa   Quinapril inhibits progression of heart failure and fibroses in that with dilated cardiomyopathy after myocarditis   Makoto Kodama, Yoshifusa Aizawa   Quinapril inhibits progression of heart failure and fibroses in that with dilated cardiomyopathy after myocarditis   Makoto Kodama, Yoshifusa Aizawa   Quinapril inhibits progression of heart failure and fibroses in that with dilated cardiomyopathy   Makoto Kodama, Yoshifusa Aizawa   Makoto Kodama, Yoshifusa Aizawa   Makoto Kodama, Yoshifusa Aizawa   Makoto Kodama, Yoshifusa Aizawa   Makoto K	1					
Rodama, Yuji Okura, Masahiro Iro, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa   Takeshi Kashimura, Takao Yanagawa, Makolo Kodama, Ritisuo Watanabe, Yaji Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa   Takeshi Kashimura, Takao Yanagawa, Makolo Kodama, Ritisuo Watanabe, Yaji Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa   Fisse K, M. Kodama, M. Ito, Y. Okura, K. Kato, H. Hanawa, S. Aoki, Y. Aizawa.   Kenichi Watanabe, Yuki Saito, Melieli Ma, Mir Wakao, Yushikusa Mizawa, Kenichi Yanagauchi, Tashihiro Takhashai Takeshi Kashimura, Manaba Hayashi, Makoto Kodama, Ysshifusa Aizawa, Kenichi Watanabe, Makoto Kodama, Kisio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Kaminori Kato, Kenichi Watanabe, Walieli Ma, Mir Watanabe, Kenichi Watanabe, Kenichi Watanabe, Kenichi Watanabe, Kenichi Watanabe, Kato, Kenichi Watanabe, Kato, Kenichi Watanabe, Kiminori Kato, Kenichi Watanabe, Kiminori Kato, Kato, Kenichi Watanabe, Kiminori Kato, Kenichi Watanabe, Kiminori Kato, Makoto Kodama, Ysshifusa Aizawa   Ouinapril inhibits progression of heart failure and fibroses in Makoto Kodama, Ysshifusa Aizawa   Ouinapril inhibits progression of heart failure and fibroses in Makoto Kodama, Ysshifusa Aizawa   Ouinapril inhibits progression of heart failure and fibroses in Makoto Kodama, Ysshifusa Aizawa   Ouinapril inhibits progression of heart failure and fibroses in Makoto Kodama, Ysshifusa Aizawa   Ouinapril inhibits progression of heart failure and fibroses in Makoto Kodama, Ysshifusa Aizawa   Ouinapril inhibits progression of heart failure and fibroses in Makoto Kodama, Ysshifusa Aizawa   Ouinapril inhibits progression of heart failure and fibroses in Makoto Kodama, Ysshifusa Aizawa   Ouinapril inhibits progression of heart failure and fibroses in Molecular   Ouinapril inhibits progression of heart failure and fibroses in Molecular   Ouinapril inhibits progression of heart failure and fibroses in Molecular   Ouinapril inhibits progression of heart failure and fibroses in Molecular   Ouinapril inhibits progressio						
Masahiro Ro, Kiminori Kato, Huruo Hanawa, Yoshifusa Aizawa Takeshi Kashimura, Takao Yanagawa, Makoto Kodama, Arisuo Watanabe, Yuji Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa  Puse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, S Aoki, Y Aizawa.  Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Penglaniyandi Suesh, Padia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Ganiko Hiteshi Tachikawa, Handashi Tachikawa, Handashi Tachikawa, Handashi Takhikawa, Handashi Miko Nakazawa, Salori Watanabe, Yoshifusa Aizawa  Renichi Watanabe, Makoto Kodama, Mikio Nakazawa, Kenichi Watanabe, Weilei Ma, Mir Watanabe, Waki Makoto Kodama, Yoshifusa Aizawa  Danawa, Kiminori Kato, Kenichi Hiteshi Tachikawa, Handashi Tachikawa, Handashi Takhikawa, Handashi Takhikawa, Handashi Takhikawa, Handashi Makoto Nakazawa, Salori Watanabe, Yoshifusa Aizawa  Danawen, Mikio Nakazawa, Salori Watanabe, Yoshifusa Aizawa  Ouinapril inhibits progression of heart failure and fibroses in rats with dilated cardiomyopathy after myocarditis mats with dilated Cardiomyopathy after myocarditis with dilated Cardiomyopathy after myocarditis and interleukin-10.  Makoto Nakoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Kato, Makoto Kodama, Yoshifusa Aizawa  Ouinapril inhibits progression of heart failure and fibroses in rats with dilated cardiomyopathy after myocarditis and interleukin-10.  Makoto Nakoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Horapeutic role of pericardiocentesis for acute proceedings.	,			in press	l	
Rato	, , ,		of Heart Failure			
Yoshifusa Aizawa   Takash Kashimura, Takao Yangawa, Makoto Kodama, Yoshifusa Aizawa   Polarity of helper T cell subsets represents disease anture and clinical course of experimental autoimmune myocarditis in rats with dilated ardiomyopathy Narasimman, Juan Wen, Palaniyandi Sursch, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa   Palanawa, Kiminori Kato, Kenichi Watanabe, Mako Kodama, Wikio Nakazawa, Genichi Watanabe, Mikio Nakazawa, Genichi Watanabe, Mikio Nakazawa, Genichi Watanabe, Mikio Nakazawa, Comana, Yoshifusa Aizawa   Quinapril inhibits progression of Chasegawa, Makoto Noito, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Mikio Nakazawa, Genichi Watanabe, Mikio Nakazawa, Chenichi Watanabe, Mikio Nakazawa, Chenichi Watanabe, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Genichi Watanabe, Mikio Nakazawa, Genichi Watanabe, Mikio Nakazawa, Chenichi Watanabe, Mikio Nakazawa, Chenichi Watanabe, Mikio Nakazawa, Chenichi Watanabe, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Nakazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa   Juan Wen, Mikio Makazawa, Chenichi Watanabe, Makoto Kodama, Yoshifusa Aizaw						
Takeshi Kashimura, Takao Yanagawa, Makoto Kodama, Risuo Watanabe, Yuji Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa Fisue K. M. Kodama, M. Ito, Y. Okura, K. Kato, H. Hanawa, S. Aoki, Y. Aizawa.  Kenichi Watanabe, Yuki Saito, Meliei Ma, Mir Wahed, Yuichi Ale, Kenichi Gursamy, Narasimman, Juan Wen, Palanityandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Kodama, Yoshifusa Aizawa, Santin Saitina Miko Nakazawa, Genichi Watanabe, Yashifusa Aizawa, Genichi Watanabe, Yashifusa Aizawa, Genichi Watanabe, Mikio Nakazawa, Genichi Watanabe, Yashifusa Aizawa, Genichi Watanabe, Wakoto Kodama, Mikio Nakazawa, Genichi Watanabe, Yashifusa Aizawa, Genichi Watanabe, Washifusa Aizawa, Satoru Abe, Riminori Kato, Makoto Kodama, Mikio Nakazawa, Genichi Watanabe, Washifusa Aizawa, Juan Wen, Miko Nakazawa, Genichi Watanabe, Washifusa Aizawa Juan Wen, Miko Nakazawa, Satoru Abe, Kenichii Watanabe, Washifusa Aizawa Juan Wen, Miko Nakazawa, Satoru Abe, Kiminori Kato, Makoto Kodama, Noshifusa Aizawa Kenichi Watanabe, Washifusa Aizawa Kanaba Makoto Kodama, Yoshifusa Aizawa Kenichi Watanabe, Makoto Kodama, Noshifusa Aizawa Kanaba Makoto Kodama, Noshifusa Aizawa Inmune-mediated myocarditis and interleukin-10.  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Kanama N, Kuroba T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroba T, Kanama C, Cardimopalii cardiocentesis for acute percical geosinophilic cardiocentesis		Acute Myocarditis				
Yangawa, Makoto Kodama, Ritsuo Watanabe, Yuji Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa Kenichi Watanabe, Yuki Safe, Hamawa, Saki Yalizawa   Polarity of helper T cell subsets represents disease anture and clinical course of experimental autoimmune myocarditis in rats with dilated cardiomyopathy   Comparative effects of Saito, Meilei Ma, Mir Mahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shiriai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tashikawa, Makoto Kodama, Yashifusa Aizawa Kenichi Yamaguchi, Tashihiro Takahashi Takhikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Meilei Ma, Mir I Wahed, Konichi Watanabe, Meilei Ma, Mir I Wahed, Kenichi Watanabe, Makoto Kodama, Washifusa Aizawa Juan Wen, Mikio Nakazawa, Go Hasegawa, Makoto Nato, Hitoshi Tashikiwa Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Meilei Ma, Mir I Wahed, Go Ghasegawa, Makoto Naito, Hitoshi Tashikiwa Makoto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Solawa, Kenichi Watanabe, Meilei Ma, Mir I Wahed, Go Ghasegawa, Makoto Naito, Hitoshi Tashiki Watanabe, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa Solawa Kazawa Kenichi Watanabe, Meilei Ma, Mir I Wahed, Go Ghasegawa, Makoto Naito, Hitoshi Ghasegawa, Makoto Naito, Hitoshi Watanabe, Makoto Kodama, Yoshifusa Aizawa and R. Okura Y, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kuroha T, Shihara N, Kuroha T, Kuroha M, Kuroha M, Kuroha T, Kuroha M, Kuroha M, Kuroha M, Kuroha M, Kuroha M, Kuroha M, K			A . B. T.			
Ritsuo Watanabe, Yuji Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa Polarity of helper T cell stubests represents disease nature and clinical course of experimental autoimmune myocarditis in rats  Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitshi Takashii Takashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Sandru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Hongohi Takashi Watanabe, Mikio Nakazawa, Sandru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Hongohi Tachikawa, Hongohi Takashi Watanabe, Mikio Nakazawa, Sandru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Hangohi Takashi Watanabe, Mikio Nakazawa, Sandru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Hangohi Takashi Watanabe, Mikio Nakazawa, Sandru Abe, Kiminori Kato, Kenichi Watanabe, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kimimori Kato, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Yi Shihara N, Kuroha T, Yi Therapeutic role of pricradiocentesis for acute necrotizing eosinophilic				in press		
Okura, Kiminori Kato, Haruo Hanawa, Yoshifusa Aizawa Fuse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, S Aoki, Y Aizawa.  Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Sureshi, Fadia, Miko Soga, Yusuke Nagai, Miko Nakazawa, Kenichi Yamaguchi, Tashihiro Takhashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Kenichi Watanabe, Yoshifusa Aizawa Hitoshi Tachikawa, Jaruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Kanichi Watanabe, Oshifusa Aizawa Juan Wen, Mikio Nakazawa, Kanichi Watanabe, Oshifusa Aizawa Juan Wen, Mikio Nakazawa, Kanichi Watanabe, Mikio Nakatawa Makoto Naio, Watanabe, Mikio Nakatawa Makoto Naio, Watanabe, Mikio Na			Biologica			
Haruo Hanawa, Yoshifusa Aizawa  Fuse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, S Aoki, Y Aizawa.  Fuse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, S Aoki, Y Aizawa.  Fuse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, S Aoki, Y Aizawa.  Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Vuichi Jabe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Genichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Meilei Makazawa, Kenichi Hirabayashi, Makoto Kodama, Mikio Nakazawa, Satoru Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Satoru Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Satoru Watanabe, Meilei Masayawa  Juan Wen, Mikio Nakazawa, Satoru Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Shihiara N, Kuroha T, Kaloma, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Shihiara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Kaloma M, Toba K, Ochiai Y, Shihara N, Kuroha T, Maka Makoto Naka Makoto Naka M, Shima M, Makoto Naka M, Makoto Naka M, Makoto Naka M, Makoto Naka M, Makot		1 1 1				ì
Aizawa Fuse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, S Aoki, Y Aizawa.  Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Takehikawa, Makoto Kodama, Yoshifusa Aizawa Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Meilei Mayashi, Makoto Nakazawa, Kenichi Watanabe, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Mikio Nakazawa Kenichi Watanabe, Mikio Nakazawa, Mikio Nakazawa, Mikio Nakazawa, Makoto Naio, Mikio Nakazawa, Mikio Nakazawa, Mikio Nakazawa, Mikio Nakazawa, Mikio Nakazawa, Mik	, ,					
Fuse K, M Kodama, M Ito, Y Okura, K Kato, H Hanawa, S Aoki, Y Aizawa.  Kenichi Watanabe, Yuki Saito, Mellei Ma, Mir Wahed, Yuichi Abe, Kenichi Garusamy Marasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Naito, Hitoshi Tachikawa, Makoto Naito, Hitoshi Tachikawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Cenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kiminori Kato, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Ghasagawa, Makoto Naito, Tadashi Yamamoto, Koichi Piuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Pricardicentesis for acute, Shihira N, Kuroha T, Pricardicentesis for acute, Pricardicentesis for acute, Shihira N, Kuroha T, Pricardicentesis for acute, Pricardicentesis for acute, Pricardicentesis fo	1	with significant aortic stenosis				
Y Okura, K Kato, H Hanawa, S Aoki, Y Aizawa.  Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Kenichi Yamaguchi, Tosshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Songa, Wisuke Nagai, Mikio Nakazawa, Senichi Yamaguchi, Tosshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satou Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Harubanawa, Kiminori Kato, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Takagawa, Suninori Kato, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Satou Matanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Kanimori Kato, Kenichi Watanabe, Maloto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Satou Makoto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Maloto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Satou Makoto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Maloto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Maloto Kodama, Yoshifusa Aizawa Juan R, Okura X, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Therapeutic role of pricardiocentesis for acute proceedings		Polarity of helper T coll	Clin Evn Immunol	134	403-408	2003
Hanawa, S Aoki, Y Aizawa nature and clinical course of experimental autoimmune myocarditis in rats  Kenichi Watanabe, Yuki Saito, Meilei Ma, Miri I Wahed, Yuichi Abe, Kenichi Watanabe, Meilei Ma, Miri I Watanabe, Meilei Ma, Mir I I Wahed, Godama, Yoshifusa Aizawa, Kenichi Watanabe, Meilei Ma, Miri I Watanabe, Meilei Ma, Miri I Watanabe, Meilei Masagawa, Makoto Kodama, Yoshifusa Aizawa Kenichi Watanabe, Meilei Ma, Miri I Watanabe, Meilei Ma, Miri I Watanabe, Meilei Masagawa, Makoto Kodama, Yoshifusa Aizawa Kenichi Watanabe, Meilei Ma, Miri I Wahado, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa Kenichi Watanabe, Meilei Ma, Miri I Wahado, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Hitoshi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa Lizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Phrapeutic role of Horn acution of the controlizing ecsinophilic roccedings  Molecular and Cardiac Diseases  Japanese Heart Journal  Japanese Heart Journal  Ada Miri I Wahed, Go Hanawa, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Jun Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Shihara N, Kuroha T, Vanda T, Shihara N, Kuroha T, Vanda T, Shihara N, Kuroha T, Vanda T, Shihara N, Kuroha T, Wahado T, Shihara N, Kuroha T, Wahado T, Watanaba N, Kuroha T, Wahado N, Kuroha T, Watanaba N, Kuroha T, Watanaba N, Kuroha T, Wahado N, Kuroha T, Watanaba N, Kuroha T, Watanaba N, Kuroha T, Wahado N, Kuroha T, Watanaba N, Kuroha T, Watanaba N, Kuroha T, Wahado N, Kuroha T, Watanaba N, Kur			Citi Exp initiation	154	403-408	2003
Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Abe, Kenichi Iirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Kenichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Yoshifusa Alzawa, Kiminori Kato, Kenichi Watanabe, Melici Ma, Mir I I Wahed, Cenichi Watanabe, Melici Ma, Mir I I Wahed, Cenichi Watanabe, Makoto Kodima, Mikio Nakazawa, Kiminori Kato, Kenichi Watanabe, Melici Ma, Mir I I Wahed, Golasegawa, Makoto Kodama, Yoshifusa Alzawa Kenichi Watanabe, Melici Ma, Mir I I Wahed, Golasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Alzawa Kenichi Watanabe, Makoto Kodama, Yoshifusa Alzawa Kenichi Watanabe, Melici Ma, Mir I I Wahed, Golasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Alzawa Kenichi Watanabe, Makoto Kodama, Yos						
Mycarditis in rats  Comparative effects of Saito, Meilei Ma, Mir Wahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Marasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Naito, Hitoshi Takhikashi Takehik Kashimura, Manabu Hayashi, Makoto Kodama, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Meilei Ma, Mir I Wahed, Go Hasegawa, Makoto Naito, Tachikawa Manabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Watanabe, Meilei Ma, Mir I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Matanabe, Meilei Madashi Yamamoto, Koichi Matanabe, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Cenichi Watanabe, Makoto Kodama,	Hallawa, S AORI, 1 Alzawa					
Kenichi Watanabe, Yuki Saito, Meilei Ma, Mir Wahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Naito, Tachikawa, Makoto Kodama, Yoshifusa Aizawa (Kenichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa (Senichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa (Senichi Watanabe, Makoto Kodama,						
Saito, Meilei Ma, Mir Wahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Kenichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Melei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Mikio Nakazawa, Kenichi Watan	Kenichi Watanahe Yuki		Journal of	42 (Supple	S105-S109	2003
Wahed, Yuichi Abe, Kenichi Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuko Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa Kenichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Satoru Abe, Risuyoshi Watanabe, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa Immune-mediated myocarditis  Makoto Kodama, Yoshifusa Aizawa Immune-mediated myocarditis Inflammation and Cardiac Diseases  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Kato, Maha N, Kuroha T, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Kato, Maha N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Karon M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horizoni Ka	•				0105 0105	2003
Hirabayashi, Gurusamy Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Naito, Hitoshi Tachikawa, Kenichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Airi Makoto Kodama, Yoshifusa Aizawa, Kenichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meliei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T, Horozofizing eosinophilic				1)		
Narasimman, Juan Wen, Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa Kenichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa Washi Mikio Nakazawa, Kenichi Watanabe, Makio Makazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa Makoto Naio, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa Immune-mediated myocarditis Makadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa Immune-mediated myocarditis Modama, Yoshifusa Aizawa Immune-mediated myocarditis Aizawa Immune-mediated Myocardi		-	T namacorogy			
Palaniyandi Suresh, Fadia Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa, Kenichi Yamaguchi, Toshihiro Takahashii Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Tadashi Yamamoto, Koichi Puse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Makoto Kodama, Yoshifusa Aizawa  Jian Wen, Mikio Nakazawa, Makoto Naito, Makoto Kodama, Makoto Naito, Makoto Kodama, Yoshifusa Naito Makawa, Makoto Naito, Makawa, Makoto Naito, Makawa, Makoto Naito, Makawa, Makoto Naito,		- Caracian, opening				
Ali, Ken Shirai, Mayako Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa, Kenichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Kakodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Aikio Nakazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kuminori Kato, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kuminori Kato, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Juan Watanabe, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Juan Wen, Juan Watanabe, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Juan Wen, Juan Watanabe, Makoto Naito, Alian Makoto Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Juan Wen, Juan Watanabe, Makoto Naito, Alian Makoto Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Juan Wen, Juan Watanabe, Makoto Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Juan Wen					]	]
Soga, Yusuke Nagai, Mikio Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa, Kenichi Yamaguchi, Toshihiro Takahashi  Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Immune-mediated myocarditis  Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Therapeutic role of pericardiocentesis for acute of peric						
Nakazawa, Go Hasegawa, Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa, Kenichi Yamaguchi, Toshihiro Takhashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa Juan Wen, Mikio Nakazawa, Genichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,  Toshihiro Takhashi Tachikawa, Haruo Taheshi Valapase Heart Journal  Japanese Heart Journal  Molecular and Cellular Biochemistry  Molecular and Cellular Biochemistry  Tries with dilated Cardiomyopathy after myocarditis Inflammation and Cardiac Diseases  Impune-mediated myocarditis Inflammation and Cardiac Diseases  Nazama R, Okura Y, Therapeutic role of pericardiocentesis for acute necrotizing eosinophilic						
Makoto Naito, Hitoshi Tachikawa, Makoto Kodama, Yoshifusa Aizawa, Kenichi Yamaguchi, Toshihiro Takahashi  Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meliei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Rodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Rodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Rodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,						
Kodama, Yoshifusa Aizawa, Kenichi Yamaguchi, Toshihiro Takahashi Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Genichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Genichi Watanabe, Meilei Ma, Mir I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Ma						
Kenichi Yamaguchi, Toshihiro Takahashi  Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Therapeutic role of pericardiocentesis for acute necrotizing eosinophilic  Razama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,	Tachikawa, Makoto					
Toshihiro Takahashi  Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Guinapril inhibits progression of heart failure and fibroses in rats with dilated cardiomyopathy after Myocarditis  Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizaw	Kodama, Yoshifusa Aizawa,				ŀ	1
Takeshi Kashimura, Manabu Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Meilei Ruse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Rodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Rodama, Yoshifusa Aizawa  Kenichi Watanabe, Makot	Kenichi Yamaguchi,					
Hayashi, Makoto Kodama, Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama,						
Mikio Nakazawa, Satoru Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Therapeutic role of pericardiocentesis for acute necrotizing eosinophilic  Molecular and Cellular  Biochemistry  Inflammation and Cardiac Diseases  189-202  2003  489-202  2003  Proceedings	,	<u> </u>		44	735-744	2003
Abe, Tsuyoshi Yoshida, Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Mellei myocarditis  Kenichi Watanabe, Mellei makoto Immune-mediated myocarditis  Kenichi Watanabe, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Therapeutic role of pericardiocentesis for acute necrotizing eosinophilic  Therapeutic role of pericardiocentesis for acute necrotizing eosinophilic		l	Journal			
Hitoshi Tachikawa, Haruo Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Therapeutic role of pericardiocentesis for acute necrotizing eosinophilic  Molecular and Cellular  Biochemistry  Inflammation and Cardiac Diseases  189-202  2003  Mayo Clinic 78  901-7  2003						
Hanawa, Kiminori Kato, Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,		Myocarditis			ĺ	
Kenichi Watanabe, Yoshifusa Aizawa  Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Meilei of heart failure and fibroses in rats with dilated cardiomyopathy after myocarditis  Immune-mediated myocarditis  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,  Kenichi Watanabe, Makoto Immune-mediated myocarditis and interleukin-10.  Molecular and Cellular Biochemistry  Inflammation and Cardiac Diseases  Mayo Clinic Proceedings  Mayo Clinic Proceedings  Mayo Clinic Proceedings						
Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,				1		
Juan Wen, Mikio Nakazawa, Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Therapeutic role of Proceedings  Y, Ishihara N, Kuroha T,  Molecular and Cellular  Biochemistry  Inflammation and Cardiac Diseases  Molecular and Cellular  Biochemistry  Molecular and Cellular  Biochemistry  Mayo Clinic 78  Proceedings  Proceedings						
Kenichi Watanabe, Meilei Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,  Makoto Watanabe, Meilei of heart failure and fibroses in rats with dilated cardiomyopathy after myocarditis  Inflammation and Cardiac Diseases  Mayo Clinic Proceedings  Mayo Clinic Proceedings  Proceedings		0.1	N ( - 11 - 1	051	77.02	2002
Ma, Mir I I Wahed, Go Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,  Tats with dilated cardioaded Biochemistry  Biochemistry  Biochemistry  Biochemistry  Inflammation and Cardiac Diseases  Mayo Clinic Proceedings  Proceedings  Proceedings				251	17-82	2003
Hasegawa, Makoto Naito, Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Immune-mediated myocarditis and interleukin-10.  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,  Cardiomyopathy after myocarditis  Inflammation and Cardiac Diseases  Mayo Clinic Proceedings Proceedings  Proceedings			1			
Tadashi Yamamoto, Koichi Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Immune-mediated myocarditis and interleukin-10.  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,  myocarditis  Inflammation and Cardiac Diseases  Mayo Clinic Proceedings Proceedings  Proceedings			Diochemistry			1
Fuse, Kiminori Kato, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Immune-mediated myocarditis Inflammation and Cardiac Diseases  Kazama R, Okura Y, Therapeutic role of Proceedings Proceedings  Y, Ishihara N, Kuroha T, necrotizing eosinophilic						
Makoto Kodama, Yoshifusa Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Immune-mediated myocarditis and interleukin-10.  Inflammation and Cardiac Diseases  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,  Removed The pricardiocentesis for acute necrotizing eosinophilic  Inflammation and Cardiac Diseases  Proceedings  Proceedings		Inyocardius				
Aizawa  Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Kazama R, Okura Y, Hoyano M, Toba K, Ochiai Y, Ishihara N, Kuroha T,  Kenichi Watanabe, Makoto and interleukin-10.  Immune-mediated myocarditis Inflammation and Cardiac Diseases  Mayo Clinic Proceedings  Proceedings  901-7  2003						
Kenichi Watanabe, Makoto Kodama, Yoshifusa Aizawa  Immune-mediated myocarditis and interleukin-10.  Immune-mediated myocarditis and interleukin-10.  Inflammation and Cardiac Diseases  Inflammation and Cardiac Diseases  Nayo Clinic 78 901-7 2003  Proceedings Proceedings  Y, Ishihara N, Kuroha T, necrotizing eosinophilic						
Kodama, Yoshifusa Aizawa and interleukin-10. Cardiac Diseases  Kazama R, Okura Y, Therapeutic role of Hoyano M, Toba K, Ochiai Pericardiocentesis for acute Proceedings  Y, Ishihara N, Kuroha T, necrotizing eosinophilic		Immune-mediated myocarditis	Inflammation and		189-202	2003
Kazama R, Okura Y, Therapeutic role of Hoyano M, Toba K, Ochiai pericardiocentesis for acute Y, Ishihara N, Kuroha T, necrotizing eosinophilic Proceedings				1	107-202	2003
Hoyano M, Toba K, Ochiai pericardiocentesis for acute Y, Ishihara N, Kuroha T, necrotizing eosinophilic	arodania, 100miusa/mzawa	una interiounin 10.	Cararao Diocasco			
Hoyano M, Toba K, Ochiai pericardiocentesis for acute Y, Ishihara N, Kuroha T, necrotizing eosinophilic	Kazama R, Okura Y.	Therapeutic role of	Mayo Clinic	78	901-7	2003
Y, Ishihara N, Kuroha T, necrotizing eosinophilic						
Yoshida T, Namura O, myocarditis with cardiac	Y, Ishihara N, Kuroha T,		-			
	Yoshida T, Namura O,	myocarditis with cardiac				