

UCSF Chimeraのインストール手順 Mac版

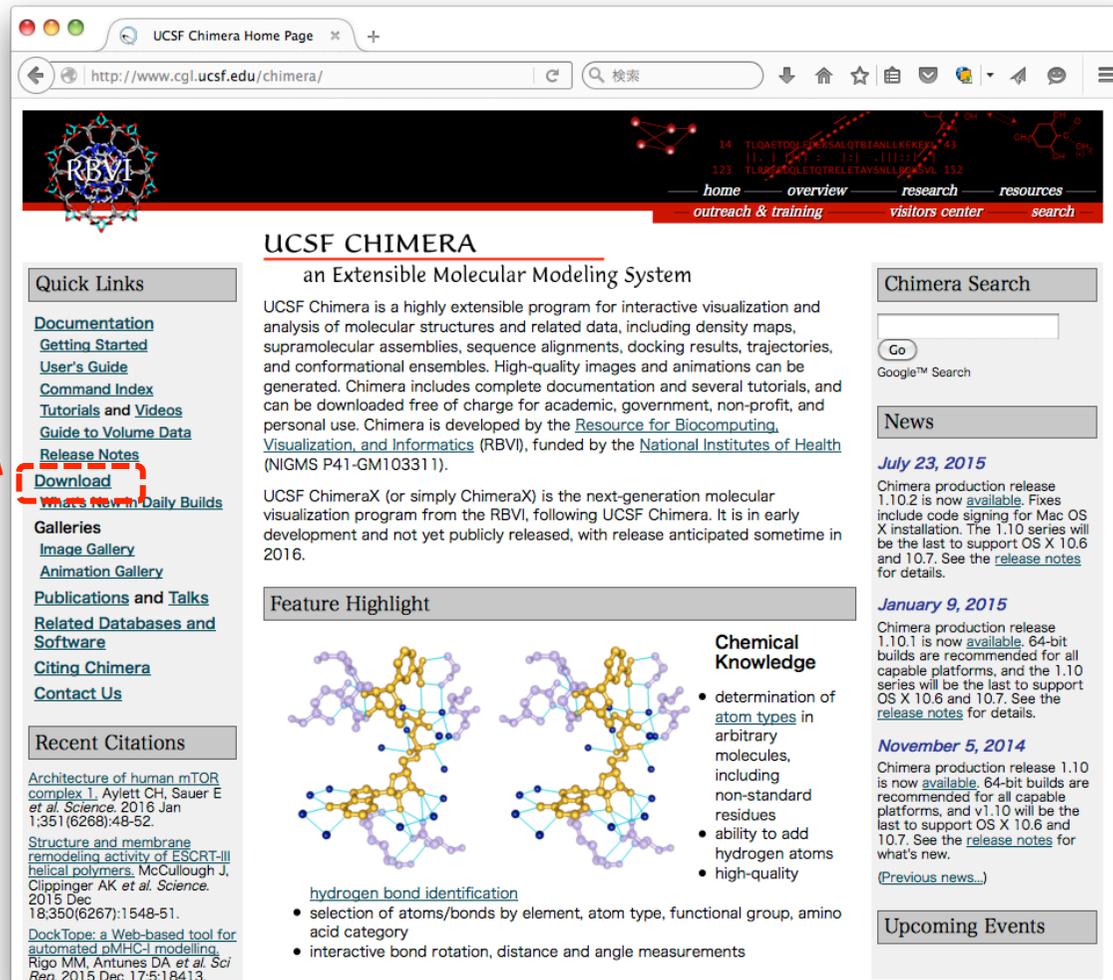
2016年1月14日(木)

UCSF Chimeraは、UCSFのThomas Ferrinのグループが開発している**分子描画プログラム**です。アカデミックの方なら、ユーザー登録を行えば、無料で使用することができます。Windows, Mac, Linuxでのプログラムをダウンロード・インストールすることが可能です。

※無料で配布されるUCSF Chimeraのプログラムは、**非商用目的での使用に限定**されます。企業の方で、商用目的で使用する場合は、ユーザー数に応じて課金される商用ライセンスを取得する必要があります。詳細は、www.cgl.ucsf.edu/chimera/docs/licensing.htmlを参照し、chimera@cgl.ucsf.eduまで連絡してください。

1. UCSF Chimeraのページへアクセス

<http://www.cgl.ucsf.edu/chimera/>にアクセスし、左端の[Download]をクリックします。



The screenshot shows the UCSF Chimera homepage. The browser address bar displays <http://www.cgl.ucsf.edu/chimera/>. The page features a navigation menu at the top with links for home, overview, research, resources, outreach & training, visitors center, and search. The main content area is titled "UCSF CHIMERA an Extensible Molecular Modeling System" and includes a description of the software, a "Feature Highlight" section with molecular models and a list of capabilities, and a "Chimera Search" box. A sidebar on the left contains "Quick Links" with a red arrow pointing to the "Download" link, "Galleries", "Publications and Talks", "Related Databases and Software", "Citing Chimera", and "Contact Us". Below the sidebar is a "Recent Citations" section with three entries.

Quick Links

- [Documentation](#)
- [Getting Started](#)
- [User's Guide](#)
- [Command Index](#)
- [Tutorials and Videos](#)
- [Guide to Volume Data](#)
- [Release Notes](#)
- [Download](#)
- [What's New in Daily Builds](#)

Galleries

- [Image Gallery](#)
- [Animation Gallery](#)

Publications and Talks

- [Related Databases and Software](#)
- [Citing Chimera](#)
- [Contact Us](#)

Recent Citations

Architecture of human mTOR complex 1. Aylett CH, Sauer E *et al. Science*. 2016 Jan 1;351(6268):48-52.

Structure and membrane remodeling activity of ESCRT-III helical polymers. McCullough J, Clippinger AK *et al. Science*. 2015 Dec 18;350(6267):1548-51.

DockTope: a Web-based tool for automated pMHC-I modelling. Rigo MM, Antunes DA *et al. Sci Rep*. 2015 Dec 17;5:18413.

UCSF CHIMERA
an Extensible Molecular Modeling System

UCSF Chimera is a highly extensible program for interactive visualization and analysis of molecular structures and related data, including density maps, supramolecular assemblies, sequence alignments, docking results, trajectories, and conformational ensembles. High-quality images and animations can be generated. Chimera includes complete documentation and several tutorials, and can be downloaded free of charge for academic, government, non-profit, and personal use. Chimera is developed by the [Resource for Biocomputing, Visualization, and Informatics](#) (RBVI), funded by the [National Institutes of Health](#) (NIGMS P41-GM103311).

UCSF ChimeraX (or simply ChimeraX) is the next-generation molecular visualization program from the RBVI, following UCSF Chimera. It is in early development and not yet publicly released, with release anticipated sometime in 2016.

Feature Highlight

Chemical Knowledge

- determination of [atom types](#) in arbitrary molecules, including non-standard residues
- ability to add hydrogen atoms
- high-quality

[hydrogen bond identification](#)

- selection of atoms/bonds by element, atom type, functional group, amino acid category
- interactive bond rotation, distance and angle measurements

Chimera Search

Go

Google™ Search

News

July 23, 2015

Chimera production release 1.10.2 is now [available](#). Fixes include code signing for Mac OS X installation. The 1.10 series will be the last to support OS X 10.6 and 10.7. See the [release notes](#) for details.

January 9, 2015

Chimera production release 1.10.1 is now [available](#). 64-bit builds are recommended for all capable platforms, and the 1.10 series will be the last to support OS X 10.6 and 10.7. See the [release notes](#) for details.

November 5, 2014

Chimera production release 1.10 is now [available](#). 64-bit builds are recommended for all capable platforms, and v1.10 will be the last to support OS X 10.6 and 10.7. See the [release notes](#) for what's new.

[\(Previous news...\)](#)

Upcoming Events

2.プログラムのダウンロード



- Quick Links
- Documentation
 - Getting Started
 - User's Guide
 - Command Index
 - Tutorials and Videos
 - Guide to Volume Data
 - Release Notes
 - Download
 - What's New in Daily Builds
 - Galleries
 - Image Gallery
 - Animation Gallery
 - Publications
 - Related Databases and Software
 - Citing Chimera
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UCSF CHIMERA
an Extensible Molecular Modeling System

Download Chimera

- Daily Builds
- Snapshot Releases
- Unsupported Releases
- Old Releases
- Bug Tracking System
- Licensing Information
- Experimental Chimera Features
- Plug-ins on the Web
- Graphics Driver Bugs
- Benchmark Results
- Chimera Source Code
- Cygwin Source Code

Current Production Releases

- See the [release notes](#) for a list of new features and other information.
- For [more recent changes](#), use the [snapshot](#) and [daily](#) builds; they are less tested but usually reliable.

64-bit Releases (recommended):

| Platform | Installer, Size, and Checksum | Date | Notes |
|--------------------------|--|--------------|--|
| Microsoft Windows 64-bit | chimera-1.10.2-win64.exe Size: 111994252 bytes MD5: 4197e3ed4501398fee3b0e6ead206961 | Jul 23, 2015 | Instructions Documentation Runs on Windows 7 and 8 or later. |
| Mac OS X 64-bit | chimera-1.10.2-mac64.dmg Size: 97863123 bytes MD5: cbef5522999e24ea9c6477d60060512d | Jul 23, 2015 | Instructions Documentation Runs on Mac OS X 10.6 or later (including OS X 10.10 "Yosemite"). |
| Linux 64-bit | chimera-1.10.2-linux_x86_64.bin Size: 117855354 bytes MD5: 9bedb6d22972d914003a233a017190dd | Jul 23, 2015 | Instructions Documentation Compiled on Debian 4 (etch). |

32-bit Releases (for small memory computers):

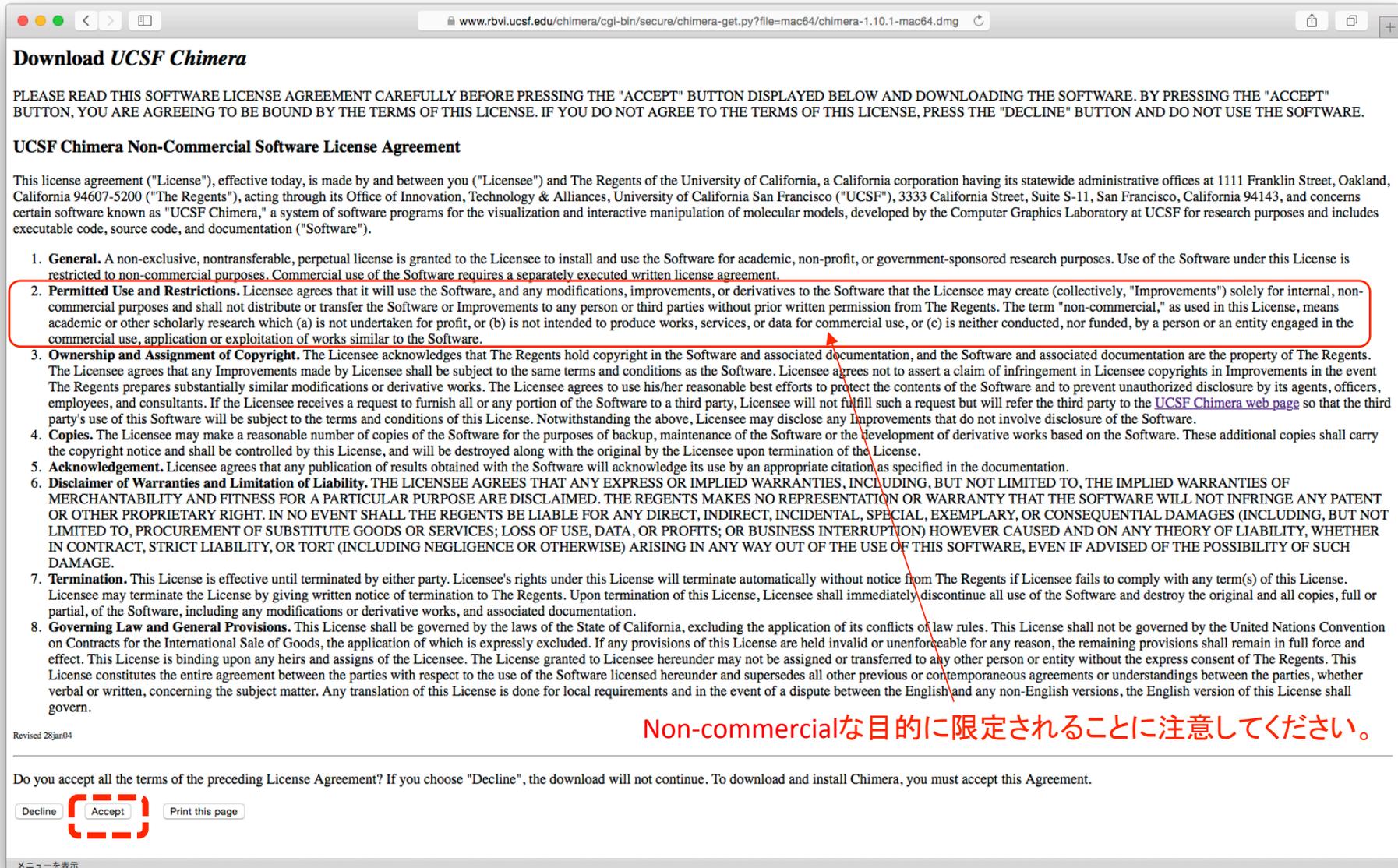
| Platform | Installer, Size, and Checksum | Date | Notes |
|----------|-------------------------------|------|-------|
|----------|-------------------------------|------|-------|

使用しているパソコンのOSの種類と32-bit版か64-bit版かに従って、プログラムを選択し、ダウンロードします。

ここでは、MacのOS X 10.10 (Yosemite) 64ビットを使用している場合を想定して、[Mac OS X 64-bit]を選択します。

以下の処理は、別バージョンのMac OS Xであっても32-bit版であっても操作はほぼ同じです。

3. ライセンス契約の確認



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Revised 28jan04

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メニューを表示

Non-commercialな目的に限定されることに注意してください。

ライセンス契約の文書を読み、合意できるなら[Accept]をクリック。

4. インストールの開始

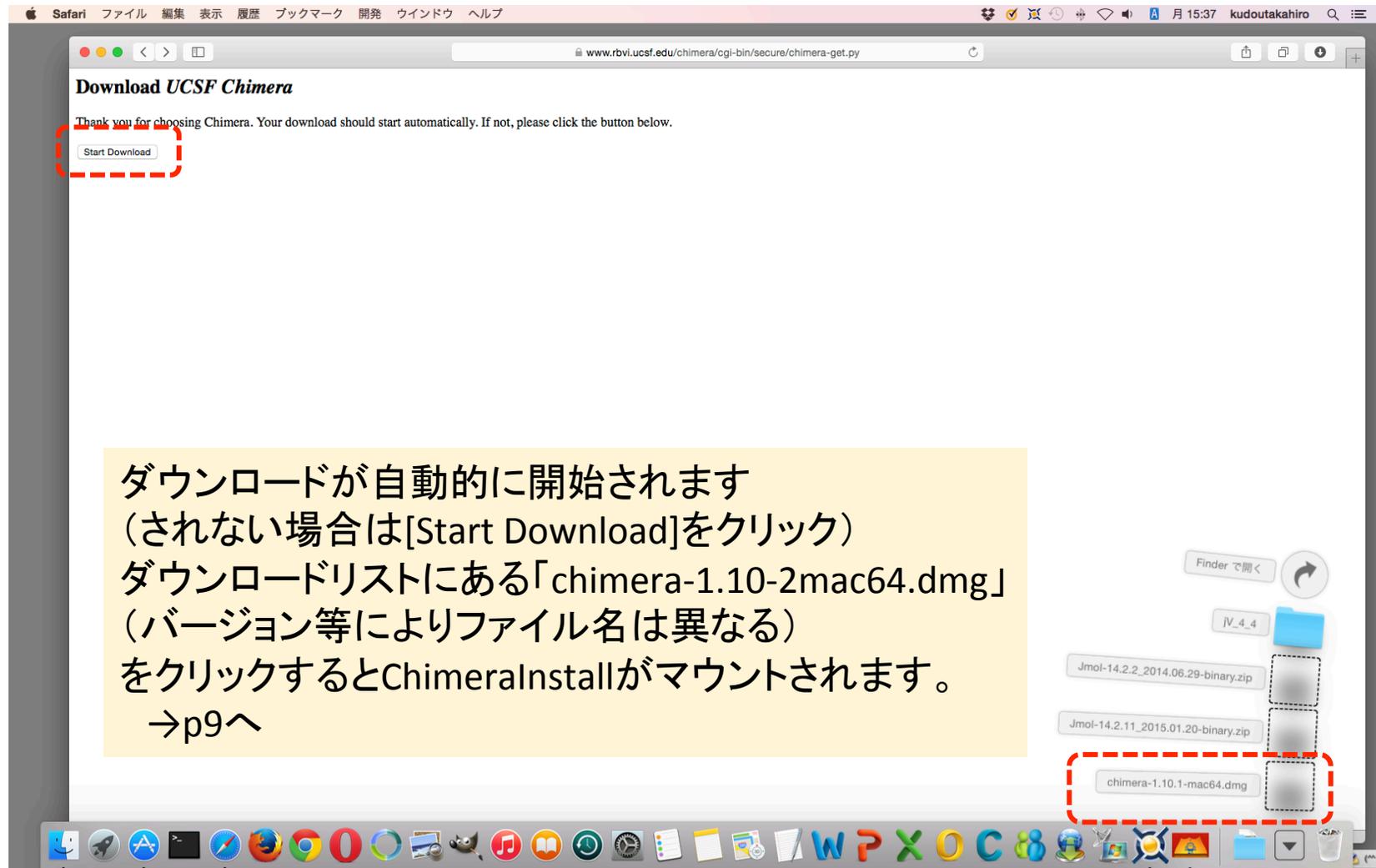


Safariの例→p6



Firefoxの例→p7

4. インストールの開始 (Safari)



Download *UCSF Chimera*

Thank you for choosing Chimera. Your download should start automatically. If not, please click the button below.

Start Download

Finder で開く

iV_4_4

Jmol-14.2.2_2014.06.29-binary.zip

Jmol-14.2.11_2015.01.20-binary.zip

chimera-1.10.1-mac64.dmg

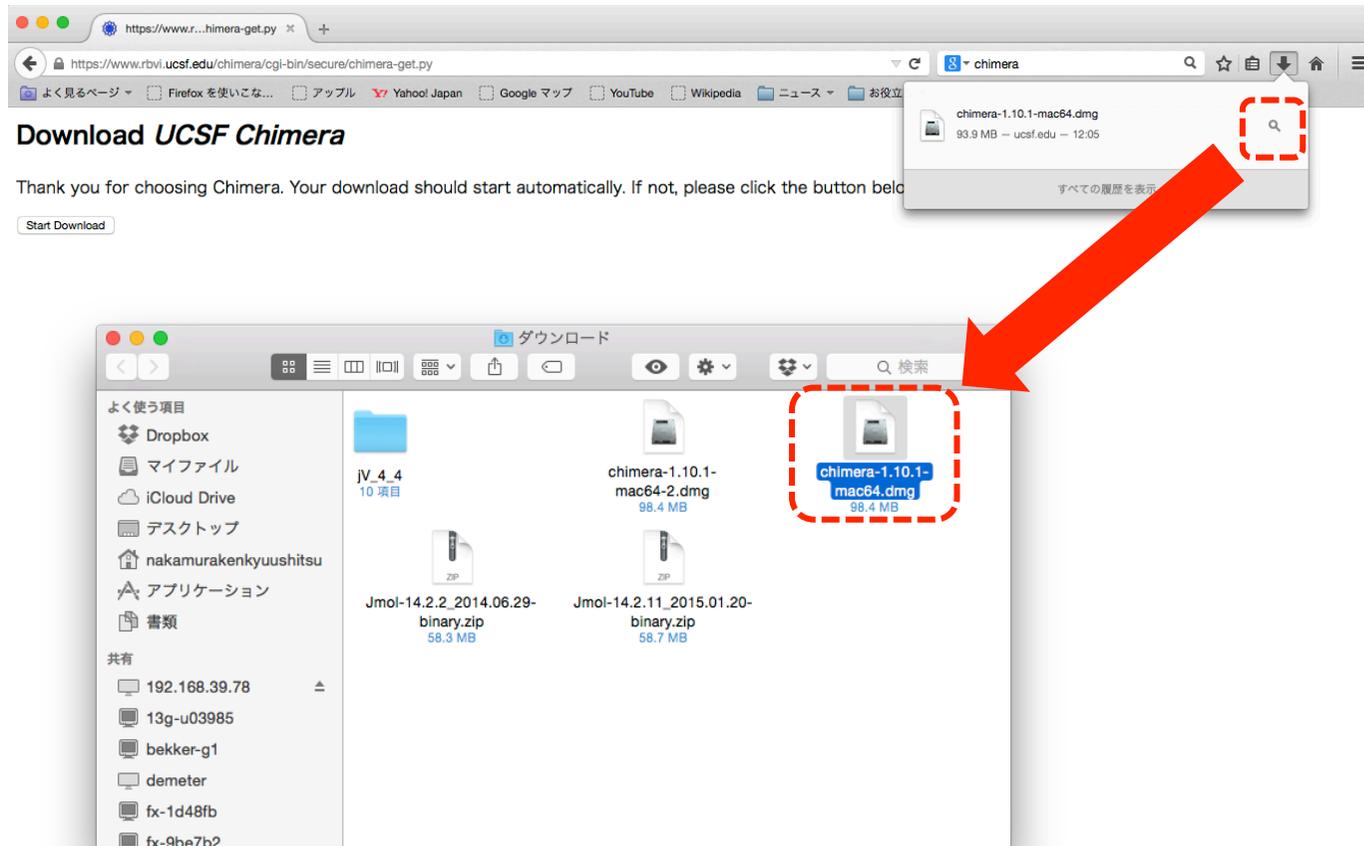
ダウンロードが自動的に開始されます
(されない場合は[Start Download]をクリック)
ダウンロードリストにある「chimera-1.10-2mac64.dmg」
(バージョン等によりファイル名は異なる)
をクリックするとChimeraInstallがマウントされます。
→p9へ

4. インストールの開始 (Firefox)

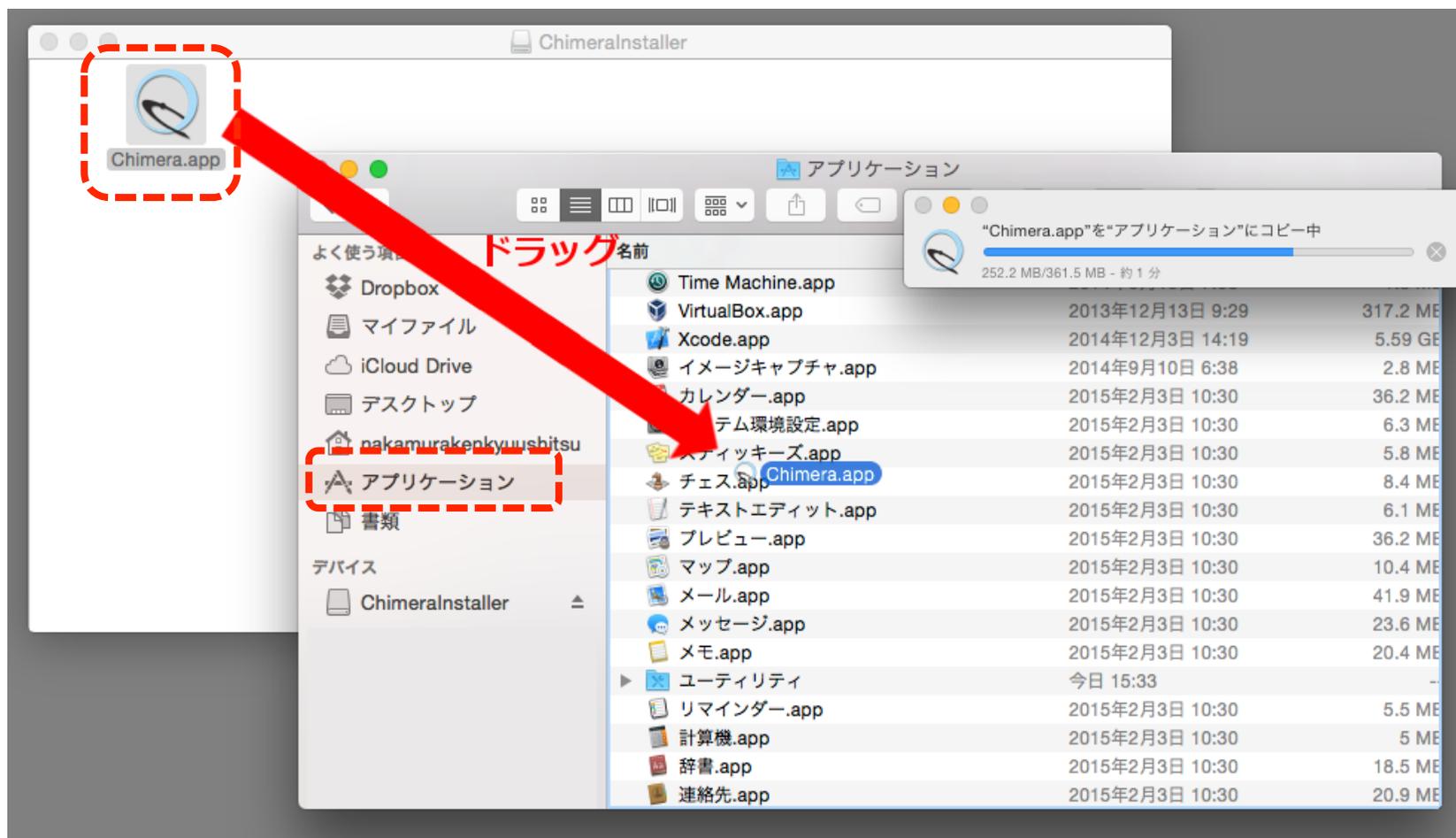


ダウンロードが自動的に開始されます
(されない場合は[Start Download]をクリック)
「chimera-1.10-2mac64.dmgを開く」ダイアログが表示
されます。
(バージョン等によりファイル名は異なる)
「ファイルを保存」をクリックします。

4. インストールの開始 (Firefox)

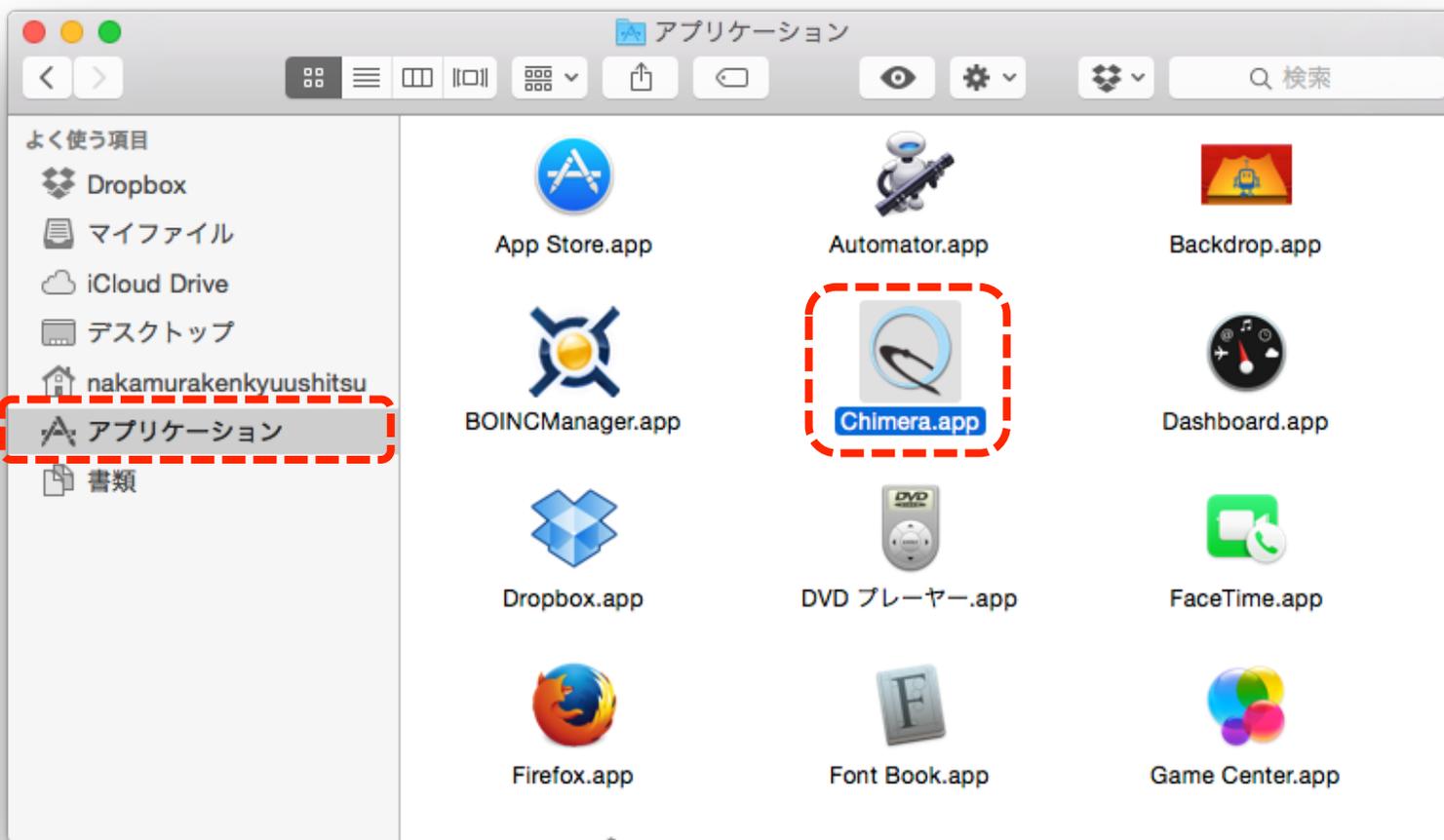


5. インストール



このまま「Chimera.app」をダブルクリックしても起動できますが、イメージをマウントしなくても実行できるようにするには、アプリケーションフォルダにドラッグします。

9. インストールの完了



これでインストールは完了です。
Finderでアプリケーションフォルダを見ると
Chimeraのアイコンが表示されるはずです。