

## Instructions for Activating the License Agreement to Use Immune Response Template database 1.0 (IRT database 1.0)

Please read and complete the attached license agreement. **Bear in mind that the language in the License Agreement may not be changed.** You will need to print 2 copies. On both copies of the License Agreement, please do the following:

1. On page 3 of the agreement, fill in the name and address of the principal place of business of the Licensee.
2. Please complete page 3 of the agreement in its entirety.
3. On page 4 of the agreement, **DO NOT FILL IN THE DATES.** This will be filled in when the license is executed by Institute for Systems Biology SPb Moscow branch (ISB). Please fill in the name and address of Licensee.
4. On page 7 of the agreement, the Licensee must provide signature. An authorized individual representing the organization must sign, and his/her title within the organization should be provided. In addition, the name of the individual signing the agreement should be printed.
5. Review Schedules A and B.

- **Schedule A** highlights the license fees and types of license.

- **Schedule B** serves as an attachment to the License Agreement. State on this form which type of license you wish to select. The Licensee should be the same as that listed on page 4 of the ISB License Agreement. The Contact Person is responsible for accepting materials sent by ISB, including the invoice for the license fee, for distributing these materials to others in his/her organization as is appropriate, and for providing feedback to ISB upon request. This person should be either a member of the scientific staff who uses the IRT database 1.0 or a member of the information technology staff.

- **IRT database 1.0 Order Form** contains payment information.

Please forward the license fee, if this has not already been done. The Licensee acknowledges and agrees that ISB is required to collect applicable sales tax in certain states and charge such tax from the Licensee. Should your organization require an invoice before it can issue payment, then arrange that a purchase order be sent. After receiving your purchase order, ISB will send a formal invoice to the address provided on the purchase order (please indicate the current billing address), and this invoice must then be paid by wire transfer. (Bank information for wire transfer is located on the order form.)

Mail the order form, Schedule B, payment or purchase order, and the 2 signed originals of the License Agreement to:

Institute for Systems Biology SPb Moscow branch  
IRT Project Team  
Nauchniy proezd 20 bldg 2  
Technopark Slava  
Moscow, Russia, 117246

ISB will send the Contact Person a copy of the fully executed License Agreement. To assure prompt delivery of the materials, please include an address acceptable to delivery services (i.e. a street address rather than a box number). Should you have any questions about your order, please contact IRT project team at:

**VOICE** +7 499 645 5336, **EMAIL** [irt@insysbio.ru](mailto:irt@insysbio.ru)

## SCHEDULE A

The IRT database 1.0 license fees are as follows:

	Commercial (in 2016)	Commercial (in 2017)
<b>Standard Enterprise License</b>	\$30,000.00*	\$50,000.00
<b>Special Enterprise License</b>	On request	On request

\*In 2016 IRT database 1.0 will be available with 40% discount

1. **Standard Enterprise License:** The Licensee is a legal entity. This type of license allows use of IRT database 1.0 on an unlimited number of functional computing units at an unlimited number of sites of the Licensee. The use of this license will be restricted to full time employees of the Licensee. This type of license allows use of IRT database 1.0 as consistent with standard License Agreement.
2. **Special Enterprise License:** The Licensee is a legal entity. This type of license allows use of IRT database 1.0 as consistent with License Agreement modified in accordance with Licensee needs.

Any license under this License Agreement is granted solely to the legal entity entering into this agreement and does expressly (but not limited to) not include any license to subsidiaries, affiliates, parent companies, collaborators, business partners, etc. The granted license does not include any sublicense rights and must not be sublicensed by the Licensee to any third party.

## SCHEDULE B

### IRT database 1.0 Order Form

To order the IRT database 1.0 please complete the information on this page.

Please complete the information below:

License type:

Standard Enterprise License ☐ Special Enterprise License ☐

Status: Commercial ☐

The payment or purchase order accompanying this order form should cover the license fee, applicable taxes, and shipping.

#### PLEASE PRINT CLEARLY

**Licensee:** \_\_\_\_\_

*(The Licensee should be the legal entity that will hold the license.)*

**Contact Person:** \_\_\_\_\_

**Telephone Number:** \_\_\_\_\_

**E-Mail:** \_\_\_\_\_

**Billing Address:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### Amount Due

**License Fee from Schedule C** \_\_\_\_\_

**All Applicable Sales Tax\*** \_\_\_\_\_

**GRAND TOTAL** \_\_\_\_\_

(\*In addition to the sales price, we may be required to collect Sales Tax in accordance with state or local law)

#### Method of Payment

☐ Purchase Order Enclosed: an invoice will be sent and must be paid by wire transfer.

☐ Wire transfer: made to:

Beneficiary's name: Institute for Systems Biology SPb Moscow branch

Beneficiary's account number: 40702840300001001419

Beneficiary's bank name: VTB 24 (PJSC), Moscow, Russia

Beneficiary's bank SWIFT code: CBGURUMM

Beneficiary bank's correspondent bank: Deutsche Bank Trust Company Americas, N.Y., USA

Beneficiary's bank's correspondent bank SWIFT BIC: BKTRUS33

Beneficiary's bank's account number or IBAN in correspondent bank: 04413603

**Please include the Licensee's name or invoice number on the reference line.**

Upon receipt of (a) 2 copies of the License Agreement with original signatures, (b) this order form, and (c) payment covering license fee, ISB will send a copy of a fully executed License Agreement and will provide within 1 week the web link to download IRT database 1.0 (including IRT navigator 1.0) which will be available during 1 month. Copies of the License Agreement may be obtained by contacting us by e-mailing irt@insysbio.ru

# **License agreement for use of Immune Response Template database 1.0 (IRT database 1.0)**

This License Agreement ("Agreement") is made and effective as of [COMMENCEMENT DATE] (the "Commencement Date") by and between:

Institute for Systems Biology SPb Moscow branch, a company incorporated in Russian Federation, with a registered address at Akademika Anokhina Str 5, building 1, 59, Moscow, 119602 ("Licensor")

and

[LICENSEE.Company], a company organized and existing in [LICENSEE COUNTRY], with a registered address at [LICENSEE ADDRESS] ("Licensee").

WHEREAS:

1. Licensor has developed certain database components called Immune Response Template database 1.0 (IRT database 1.0) (hereinafter, the "Database")
2. Licensee wishes to obtain a license to use Database, and
3. Licensor is willing to grant to the Licensee a non-exclusive, non-transferable License to use the Database for the term and specific purpose set forth in this Agreement,

NOW, THEREFORE, in consideration of the foregoing, and of the mutual promises and undertakings contained herein, and other good and valuable consideration, the parties agree as follows:

## **1. DEFINITIONS.**

- 1.1. "Agreement" means this License Agreement including the attached Exhibits (Exhibit A, Exhibit B, Exhibit C) and Schedule B.
- 1.2. "Licensor" means the entity granting rights under this License Agreement.
- 1.3. "Licensee" means legal entity to whom Licensor grants the License, and who is responsible for complying with the contractual obligations of the License, and ensuring that anyone permitted access to the Database also complies with such obligations.
- 1.4. "Affiliate" means a legal entity which is controlled by, or controls, or is under common control with Licensee. Control means (i) beneficial ownership of the voting securities of a corporation or other business organization with voting securities, or (ii) interest in the profits and capital of a partnership or other business organization without voting securities.
- 1.5. "Third Party" means any person or legal entity that is not the Licensor, the Licensee, or an Affiliate.
- 1.6. "Database" means the database licensed hereunder. The components of Database are specified in Exhibit A of this Agreement.
- 1.7. "Adapted Materials" means materials that is derived from or based upon the Database and in which the Database components is presented, translated, altered, arranged, transformed, or otherwise modified. Adapted Materials are specified in Exhibit B of this Agreement.
- 1.8. "Internal Operations" means the use of a Database by Licensee or employees of Licensee's company. Permitted Internal Operations are specified in Exhibit C of this Agreement.
- 1.9. "Perpetual License" means the right to use the License indefinitely provided that the Licensee always remains in compliance with the terms of this Agreement.

1.10. “Intellectual Property Rights” means all rights in and to any copyright, trademark, trading name, design, patent, know how (trade secrets) and all other rights resulting from intellectual activity in the industrial, scientific, literary or artistic field and any application or right to apply for registration of any of these rights and any right to protect or enforce any of these rights.

1.11. “Confidential Information” means information that:

- a. is by its nature confidential;
- b. is designated in writing by Licensor as confidential;
- c. the Licensee knows or reasonably ought to know is confidential;
- d. Information comprised in or relating to any Intellectual Property Rights of Licensor.

Confidential Information includes the conditions of this License Agreement.

## **2. LICENSE GRANT.**

2.1. Licensor grants to the Licensee a non-exclusive, non-transferable, perpetual License to:

- use the Database and its components solely on computers controlled by Licensee;
- use the Database and Adapted Materials in accordance with permitted Internal Operations specified in Exhibit C of this Agreement;
- copy the Database and its components on computers controlled by Licensee;

## **3. LICENSE RESTRICTIONS.**

3.1. The Licensee cannot use the Database, for purposes other than as specified in this Agreement and Exhibit C of this Agreement.

3.2. The Licensee shall not publish the Database and its components except Adapted Materials specified in Exhibit B in accordance with permitted Internal Operations specified in Exhibit C of this Agreement.

3.3. The Licensee shall not distribute, sell, license or sublicense, trade or expose for sale the Database and its components to any Affiliate or Third Party.

3.4. No changes to the Database or its content may be made by Licensee.

## **4. LICENSE FEE AND DELIVERY.**

4.1. In consideration for the License grant described in this License Agreement, Licensee shall pay to the Licensor the fee specified in Schedule B.

4.2. The License fee and any other amounts payable by the Licensee to the Licensor, under this Agreement, are exclusive of any and all foreign and domestic taxes, which if found to be applicable, will be invoiced to Licensee and paid by Licensee within 30 days of such invoice.

4.3. Upon receipt of a 2 copies of the License Agreement with original signatures and payment, Licensor will provide within 1 week the web link to download the Database which will be available during 1 month.

## **5. LICENSEE’S OBLIGATIONS.**

5.1. The Licensee will provide technological and security measures to ensure that the Database which the Licensee is responsible for is physically and electronically secure from unauthorised use or access.

5.2. The Licensee agrees to take appropriate action by instruction or agreement with its employees who are permitted access to the Database in order to implement the required security and protection.

## **6. END-USERS' SUPPORT.**

6.1. During 1 month upon provision of the web link to download the Database, Licensor shall offer support, which is limited to addressing end-users' questions regarding installation and operation of the Database.

## **7. INTELLECTUAL PROPERTY RIGHTS.**

7.1. All Intellectual Property Rights over and in respect of the Database are owned by Licensor. The Licensee does not acquire any rights of ownership in the Database.

## **8. LIMITATION OF LIABILITY.**

8.1. The Licensee acknowledges and agrees that neither Licensor nor its board members, officers, employees or agents, will be liable for any loss or damage arising out of or resulting from Licensor's provision of the Database under this Agreement, or any use of the Database by the Licensee or its employees; and Licensee hereby releases Licensor to the fullest extent from any such liability, loss, damage or claim.

## **9. CONFIDENTIALITY.**

9.1. Neither Party may use, disclose or make available to any third party the other Party's Confidential Information, unless such use or disclosure is done in accordance with the terms of this Agreement.

9.2. Each Party must hold the other Party's Confidential Information secure and in confidence, except to the extent that such Confidential Information:

- a. is required to be disclosed according to the requirements of any law, judicial or legislative body or government agency; or
- b. was approved for release in writing by the other Party, but only to the extent of and subject to such conditions as may be imposed in such written authorisation.

9.3. This clause 9 will survive termination of this Agreement.

## **10. TERMINATION.**

10.1. This Agreement shall terminate immediately, automatically and without notice if Licensee fails to comply with any terms or conditions of this Agreement.

## **11. ASSIGNMENT.**

11.1. Licensee shall not assign any rights of this License Agreement, without the prior written consent of Licensor.

## **12. COUNTERPARTS.**

12.1. This Agreement may be executed in one or more counterparts each of which will be an original and all of which will constitute but one and the same Agreement.

## **13. ENTIRE AGREEMENT.**

13.1. This Agreement including all Exhibits and Schedule B contains the entire agreement between the parties and supersedes any previous understanding, commitments or agreements, oral or written. Further, this Agreement may not be modified, changed, or otherwise altered in any respect except by a written agreement signed by both parties.

IN WITNESS WHEREOF, this Agreement, including the attached Exhibits and Schedule B, was signed by the parties under the hands of their duly authorized representatives and made effective as of the Commencement Date.

Institute for Systems Biology SPb Moscow branch

[LICENSEE.Company]

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[LICENSOR.FirstName] [LICENSOR.LastName]

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[LICENSEE.FirstName] [LICENSEE.LastName]

[LICENSOR TITLE]

[LICENSEE TITLE]

## Exhibit A

Schemes presented as files in xml and svg format:

\\irt\_db\_1.0\schemes\Ag\elements.xml  
\\irt\_db\_1.0\schemes\Ag\scheme.svg  
\\irt\_db\_1.0\schemes\B\elements.xml  
\\irt\_db\_1.0\schemes\B\scheme.svg  
\\irt\_db\_1.0\schemes\CD8\elements.xml  
\\irt\_db\_1.0\schemes\CD8\scheme.svg  
\\irt\_db\_1.0\schemes\DC\elements.xml  
\\irt\_db\_1.0\schemes\DC\scheme.svg  
\\irt\_db\_1.0\schemes\GM-CSF\elements.xml  
\\irt\_db\_1.0\schemes\GM-CSF\scheme.svg  
\\irt\_db\_1.0\schemes\IFNg\elements.xml  
\\irt\_db\_1.0\schemes\IFNg\scheme.svg  
\\irt\_db\_1.0\schemes\Ig\elements.xml  
\\irt\_db\_1.0\schemes\Ig\scheme.svg  
\\irt\_db\_1.0\schemes\IL-1b\elements.xml  
\\irt\_db\_1.0\schemes\IL-1b\scheme.svg  
\\irt\_db\_1.0\schemes\IL-2\elements.xml  
\\irt\_db\_1.0\schemes\IL-2\scheme.svg  
\\irt\_db\_1.0\schemes\IL-4\elements.xml  
\\irt\_db\_1.0\schemes\IL-4\scheme.svg  
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\\irt\_db\_1.0\schemes\IL-5\scheme.svg  
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\\irt\_db\_1.0\schemes\IL-6\scheme.svg  
\\irt\_db\_1.0\schemes\IL-10\elements.xml  
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\\irt\_db\_1.0\schemes\IL-12\elements.xml  
\\irt\_db\_1.0\schemes\IL-12\scheme.svg  
\\irt\_db\_1.0\schemes\IL-13\elements.xml



\\irt\_db\_1.0\schemes\IL-13\scheme.svg  
\\irt\_db\_1.0\schemes\IL-15\elements.xml  
\\irt\_db\_1.0\schemes\IL-15\scheme.svg  
\\irt\_db\_1.0\schemes\IL-17a\elements.xml  
\\irt\_db\_1.0\schemes\IL-17a\scheme.svg  
\\irt\_db\_1.0\schemes\IL-17f\elements.xml  
\\irt\_db\_1.0\schemes\IL-17f\scheme.svg  
\\irt\_db\_1.0\schemes\IL-18\elements.xml  
\\irt\_db\_1.0\schemes\IL-18\scheme.svg  
\\irt\_db\_1.0\schemes\IL-21\elements.xml  
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\\irt\_db\_1.0\schemes\IL-23\elements.xml  
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\\irt\_db\_1.0\schemes\MDSC\elements.xml  
\\irt\_db\_1.0\schemes\MDSC\scheme.svg  
\\irt\_db\_1.0\schemes\Mph\elements.xml  
\\irt\_db\_1.0\schemes\Mph\scheme.svg  
\\irt\_db\_1.0\schemes\NK\elements.xml  
\\irt\_db\_1.0\schemes\NK\scheme.svg  
\\irt\_db\_1.0\schemes\PBM\elements.xml  
\\irt\_db\_1.0\schemes\PBM\scheme.svg  
\\irt\_db\_1.0\schemes\Target\elements.xml  
\\irt\_db\_1.0\schemes\Target\scheme.svg  
\\irt\_db\_1.0\schemes\TGFB\elements.xml  
\\irt\_db\_1.0\schemes\TGFB\scheme.svg  
\\irt\_db\_1.0\schemes\Th0\elements.xml  
\\irt\_db\_1.0\schemes\Th0\scheme.svg  
\\irt\_db\_1.0\schemes\Th1\elements.xml  
\\irt\_db\_1.0\schemes\Th1\scheme.svg

\\irt\_db\_1.0\\schemes\\Th2\\elements.xml

\\irt\_db\_1.0\\schemes\\Th2\\scheme.svg

\\irt\_db\_1.0\\schemes\\Th17\\elements.xml

\\irt\_db\_1.0\\schemes\\Th17\\scheme.svg

\\irt\_db\_1.0\\schemes\\TNFa\\elements.xml

\\irt\_db\_1.0\\schemes\\TNFa\\scheme.svg

\\irt\_db\_1.0\\schemes\\Treg\\elements.xml

\\irt\_db\_1.0\\schemes\\Treg\\scheme.svg

Immune response model is presented as file in sbml format (.xml):

\\irt\_db\_1.0\\models\\main.xml

In vitro models files in archives:

irt\_db\_1.0\\iddb\\bcell.zip, including:

bcell.slv, bcell.xml, bcell\_in\_vitro.dat, bcell\_in\_vitro\_dat\_copy.xls, bcell\_in\_vitro\_dat\_description.xls,  
bcell\_list\_of\_assumptions.doc, bcell\_model\_code.doc, bcell\_model\_description.ppt, bcell\_model\_description.xls,  
bcell\_rct.txt, bcell\_table\_of\_content.xls

irt\_db\_1.0\\iddb\\cd8.zip , including:

cd8.slv, cd8.xml, cd8\_in\_vitro.dat, cd8\_in\_vitro\_dat\_copy.xls, cd8\_in\_vitro\_dat\_description.xls,  
cd8\_list\_of\_assumptions.doc, cd8\_model\_code.doc, cd8\_model\_description.ppt, cd8\_model\_description.xls,  
cd8\_rct.txt, cd8\_table\_of\_content.xls

irt\_db\_1.0\\iddb\\dc.zip, including:

dc.slv, dc.xml, dc\_in\_vitro.dat, dc\_in\_vitro\_dat\_copy.xls, dc\_in\_vitro\_dat\_description.xls,  
dc\_list\_of\_assumptions.doc, dc\_model\_code.doc, dc\_model\_description.ppt, dc\_model\_description.xls, dc\_rct.txt,  
dc\_table\_of\_content.xls

irt\_db\_1.0\\iddb\\mph.zip, including:

mph.slv, mph.xml, mph\_in\_vitro.dat, mph\_in\_vitro\_dat\_copy.xls, mph\_in\_vitro\_dat\_description.xls,  
mph\_list\_of\_assumptions.doc, mph\_model\_code.doc, mph\_model\_description.ppt, mph\_model\_description.xls,  
mph\_rct.txt, mph\_table\_of\_content.xls

irt\_db\_1.0\\iddb\\nk.zip, including:

nk.slv, nk.xml, nk\_in\_vitro\_apoptosis\_and\_proliferation.dat,  
nk\_in\_vitro\_apoptosis\_and\_proliferation\_dat\_copy.xls,  
nk\_in\_vitro\_apoptosis\_and\_proliferation\_dat\_description.xls, nk\_in\_vitro\_cytokine\_synthesis.dat,  
nk\_in\_vitro\_cytokine\_synthesis\_dat\_copy.xls, nk\_in\_vitro\_cytokine\_synthesis\_dat\_description.xls,  
nk\_in\_vitro\_speicific\_lysis.dat, nk\_in\_vitro\_speicific\_lysis\_dat\_copy.xls,  
nk\_in\_vitro\_speicific\_lysis\_dat\_description.xls, nk\_list\_of\_assumptions.doc, nk\_model\_code.doc,  
nk\_model\_description.ppt, nk\_model\_description.xls, nk\_rct.txt, nk\_table\_of\_content.xls

irt\_db\_1.0\\iddb\\pbm.zip, including:

pbm.slv, pbm.xml, pbm\_in\_vitro.dat, pbm\_in\_vitro\_dat\_copy.xls, pbm\_in\_vitro\_dat\_description.xls,  
pbm\_list\_of\_assumptions.doc, pbm\_model\_code.doc, pbm\_model\_description.ppt, pbm\_model\_description.xls,

pbm\_rct.txt, pbm\_table\_of\_content.xls, pbmsupp.slv, pbmsupp.xml, pbmsupp\_in\_vitro.dat, pbmsupp\_in\_vitro\_dat\_copy.xls, pbmsupp\_in\_vitro\_dat\_description.xls, pbmsupp\_model\_code.doc, pbmsupp\_model\_description.xls, pbmsupp\_rct.txt

irt\_db\_1.0\iddb\th1.zip, including:

th1.slv, th1.xml, th1\_in\_vitro.dat, th1\_in\_vitro\_dat\_copy.xls, th1\_in\_vitro\_dat\_description.xls, th1\_list\_of\_assumptions.doc, th1\_model\_code.doc, th1\_model\_description.ppt, th1\_model\_description.xls, th1\_rct.txt, th1\_table\_of\_content.xls, th0.zip

irt\_db\_1.0\iddb\th2.zip, including:

th2.slv, th2.xml, th2\_in\_vitro.dat, th2\_in\_vitro\_dat\_copy.xls, th2\_in\_vitro\_dat\_description.xls, th2\_list\_of\_assumptions.doc, th2\_model\_code.doc, th2\_model\_description.ppt, th2\_model\_description.xls, th2\_rct.txt, th2\_table\_of\_content.xls, th0.zip

irt\_db\_1.0\iddb\th17.zip, including:

th17.slv, th17.xml, th17\_in\_vitro.dat, th17\_in\_vitro\_dat\_copy.xls, th17\_in\_vitro\_dat\_description.xls, th17\_list\_of\_assumptions.doc, th17\_model\_code.doc, th17\_model\_description.ppt, th17\_model\_description.xls, th17\_rct.txt, th17\_table\_of\_content.xls, th0.zip

irt\_db\_1.0\iddb\treg.zip, including:

treg.slv, treg.xml, treg\_in\_vitro.dat, treg\_in\_vitro\_dat\_copy.xls, treg\_in\_vitro\_dat\_description.xls, treg\_list\_of\_assumptions.doc, treg\_model\_code.doc, treg\_model\_description.ppt, treg\_model\_description.xls, treg\_rct.txt, treg\_table\_of\_content.xls, th0.zip

where th0.zip includes: th0.slv, th0.xml, th0\_in\_vitro.dat, th0\_in\_vitro\_dat\_copy.xls, th0\_in\_vitro\_dat\_description.xls, th0\_model\_code.doc, th0\_model\_description.ppt, th0\_model\_description.xls, th0\_rct.txt, th0\_table\_of\_content.xls

PDF files with calculations, confidence intervals for parameters and accompanied files:

irt\_db\_1.0\iddb\confidence intervals bcell.pdf

irt\_db\_1.0\iddb\confidence intervals cd8.pdf

irt\_db\_1.0\iddb\confidence intervals dc.pdf

irt\_db\_1.0\iddb\confidence intervals mph.pdf

irt\_db\_1.0\iddb\confidence intervals nk.pdf

irt\_db\_1.0\iddb\confidence intervals pbm.pdf

irt\_db\_1.0\iddb\confidence intervals th1.pdf

irt\_db\_1.0\iddb\confidence intervals th2.pdf

irt\_db\_1.0\iddb\confidence intervals th17.pdf

irt\_db\_1.0\iddb\confidence intervals treg.pdf

irt\_db\_1.0\iddb\Bcell\_level.pdf

irt\_db\_1.0\iddb\CTL\_level.pdf

irt\_db\_1.0\iddb\cytokines\_level.pdf

irt\_db\_1.0\iddb\DC\_level.pdf  
irt\_db\_1.0\iddb\IgG\_level.pdf  
irt\_db\_1.0\iddb\IL5\_IL15\_IL1b\_level.pdf  
irt\_db\_1.0\iddb\IL17\_A\_F\_level.pdf  
irt\_db\_1.0\iddb\IL21\_level.pdf  
irt\_db\_1.0\iddb\IL23\_level.pdf  
irt\_db\_1.0\iddb\MDSC\_level.pdf  
irt\_db\_1.0\iddb\naive\_CD4\_CD8\_level.pdf  
irt\_db\_1.0\iddb\NK\_level.pdf  
irt\_db\_1.0\iddb\PBM\_level.pdf  
irt\_db\_1.0\iddb\TGFB\_level.pdf  
irt\_db\_1.0\iddb\Th1\_Th17\_Treg\_level.pdf  
irt\_db\_1.0\iddb\Th2\_level.pdf  
irt\_db\_1.0\iddb\GMCSF\_deg.pdf  
irt\_db\_1.0\iddb\IFNg\_deg.pdf  
irt\_db\_1.0\iddb\IL2\_deg.pdf  
irt\_db\_1.0\iddb\IL4\_deg.pdf  
irt\_db\_1.0\iddb\IL6\_deg.pdf  
irt\_db\_1.0\iddb\IL10\_deg.pdf  
irt\_db\_1.0\iddb\IL12\_deg.pdf  
irt\_db\_1.0\iddb\IL15\_deg.pdf  
irt\_db\_1.0\iddb\TNFa\_deg.pdf

Pages in database:

irt\_db\_1.0\pages\about.html  
irt\_db\_1.0\pages\development.xhtml  
irt\_db\_1.0\pages\howto.xhtml  
irt\_db\_1.0\pages\licenses.html  
irt\_db\_1.0\pages\structure.xhtml  
irt\_db\_1.0\pages\versions.xhtml  
irt\_db\_1.0\pages\whatafter.xhtml

Accompanied files:

irt\_db\_1.0\indexes.xml

irt\_db\_1.0\iddb\iddb.xml

\irt\_db\_1.0\models\empty template.xml

\irt\_db\_1.0\models\types.xml

## **Exhibit B**

The Adapted Materials are:

- Models developed on the basis of IRT database 1.0;
- Simulations and predictions done with models developed on the basis of IRT database 1.0;
- Published materials (articles, posters, presentations) describing models developed on the basis of IRT database 1.0 and their simulations and predictions;

## **Exhibit C**

Permitted Internal Operations are:

- Development of models on the basis of IRT database 1.0;
- Performing simulations and predictions using the models developed on the basis of IRT database 1.0;
- Application of developed models and their simulations and predictions in drug discovery and development;
- Publication of models developed on the basis of IRT database 1.0;
- Publication of simulations and predictions of developed models;