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Research Fellowship for Young Scientist, DC2

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Update: 1st April 2019.

1. Education

Ph.D. in Science. (Apr 2018-Mar 2021)

Kyushu university, Fukuoka, Japan

Supervisor: Associated Professor Shingo Iwami (Mathematical Biology)

M.S. in Science. (Apr 2016-Mar 2018)

Kyushu university, Fukuoka, Japan

Supervisor: Associated Professor Shingo Iwami (Mathematical Biology)

B.S. in Science. (Apr 2012-Mar 2016)

Kyushu university, Fukuoka, Japan

Supervisor: Associated Professor Shingo Iwami (Mathematical Biology)

2. Current Position

Graduate Research Fellow. (Apr 2019-Mar 2021)

Research Fellowship for Young Scientist, DC2

3. Current Project

- **HIV-1 co-infection** (publication [1,2])
- **HIV-1 super-infection** (publication [5])
- **HCV drug-interaction** (publication [4])
- **SHIV pathogenesis** (publication [3])

4. Publication

[2] **Ito Y**, Tauzin A, Remion A, Ejima K, Mammano F†, Iwami S†, Dynamics of HIV-1 coinfection in different susceptible target cell populations during cell-free infection in cell culture. *Journal of Theoretical Biology*. 455:39-46. (2018).
(†Equal contribution).

[1] **Ito Y**‡, Remion A‡, Tauzin A, Ejima K, Nakaoka S, Iwasa Y, Iwami S†, Mammano F†. Number of infection events per cell during HIV-1 cell-free infection. *Scientific Reports*. 7:6559. 2017. (‡,†Equal contribution)

Submitted Papers

[3] Hara A†, Iwanami S†, **Ito Y**†, Miura T, Nakaoka S, Iwami S. 2019.
(† Equal contribution).

In-preparatoin Papers

[5] **Ito Y**, Tauzin A, Remion A, Ejima K, Mammano F Iwami S.

[4] **Ito Y**, Koizumi Y, Watashi K, Iwami S.

5. Grant/Awards

[4] **Research Fellowship for Young Scientist, DC2**, applied, funded by Japan Society For The Promotion of Science, Apr 2019-Mar 2021,
<https://www.jsps.go.jp/english/e-pd/index.html>

[3] **Qudai-jump Research Program, ¥400,000**, funded by Kyushu university, Apr 2018-Mar 2019 (shifted to DC2 from Apr 2019),
<https://airimag.kyushu-u.ac.jp/html/app/teacher/page.php?lang=ja&code=8&side=04>

[2] **Doctoral course scholarship, ¥500,000**, funded by Kyushu university, Apr 2018-Mar 2019 (shifted to DC2 from Apr 2019),
<http://www.kyushu-u.ac.jp/ja/education/fees/scholarship/kyushu-u/>

[1] **学生の独創的教育・研究・社会貢献活動支援, ¥500,000**, funded by Kyushu university, Apr 2016-Mar 2017,

6. Teaching experience

[5] **Teaching Assistant**, Jun 1st 2016-Feb 28th 2017, Kyushu university

[4] **Teaching Assistant**, Jul 1st 2017 -Feb 28th 2017, Kyushu university

[3] **Teaching Assistant**, Apr 1st 2018-Sep 30th 2018, Kyushu university

[2] **Research Assistant**, Jul 1st 2018 -Mar 31th 2019, Kyushu university

[1] **Research Assistant**, Apr1st 2018 -Mar 31th 2019, Kyushu university

7. Languages

- Japanese
- English

8. Technical skills

- Mathematica
- R
- C
- LaTeX