



# Connecting Persistent Identifiers in Open Research Infrastructure

**DataCite Member Meeting 2020**  
**21 October 2020**

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# AGENDA

## Research Infrastructure

- **The Value of Identifiers**
- **Interoperability**

## ORCID Community

## ORCID-DataCite use Cases

- **Auto-update**

**ORCID'S VISION** IS A WORLD WHERE ALL WHO  
PARTICIPATE IN RESEARCH, SCHOLARSHIP, AND INNOVATION  
ARE UNIQUELY IDENTIFIED AND CONNECTED TO THEIR  
CONTRIBUTIONS AND AFFILIATIONS ACROSS TIME,  
DISCIPLINES, AND BORDERS.



# Research Infrastructure

Identifiers is a part of open research infrastructure

# The Value of Identifiers



**Persistent identifiers (PIDs)  
for  
people**



**places and  
things**



are foundational elements in  
anchoring and referencing  
research information in a  
trusted and interoperable way.



# IDENTIFIERS FOR PEOPLE, PLACES AND THINGS

RESEARCHERID

GRID 

Scopus<sup>®</sup>

Ringgold  
Intelligent Decisions

  
Crossref

ORCID

Connecting Research  
and Researchers

  
DataCite  
International Data Citation

 LEI | GLOBAL  
LEGAL  
ENTITY  
IDENTIFIER  
FOUNDATION

doi

# What is ORCID?



A globally unique and open identifier for researchers



Researchers share their iD with organizations during regular research workflows



A place to store and share the resulting connections between iDs and research activities and affiliations



# Connections: affiliations

Jason Gush

## ORCID iD

 <https://orcid.org/0000-0001-8920-0452>

## ▼ Employment (1)

Royal Society Te Apārangi: Wellington, NZ

2016-09 to present | Programme Manager -- Insights & Evaluation | ORCID (Research Funding)

Employment

**Source:** Royal Society Te Apārangi

★ Preferred source

Connecting affiliations to the researcher's ORCID account – New Zealand, Royal Society Te Apārangi





# Connections: Funding

▼ Funding (10)

↕ Sort

二維剛性圓柱體與彈性平面吸引接觸之數值分析

長庚大學機械工程學系(所) (Taoyuan)


Grant

GRANT\_NUMBER: NSC98-2221-E182-019

URL: <http://grbsearch.stpi.narl.org.tw/search/planDetail2?projkey=PB9807-2064>

**Source:** Chang Gung University

★ Preferred source




Connecting grants to the researcher's ORCID account – Chang Gung University



# Connections: Person Identifiers

Hideaki Takeda

## ORCID iD

 <https://orcid.org/0000-0002-2909-7163>

 Print view 

## Also known as

武田英明



## Websites & Social Links

[Personal Web Page](#)

[Mendeley profile](#)



## Country

Japan



## Other IDs

**Researcher Name Resolver ID: 1000080252831**

[Scopus Author ID: 55437906200](#)

[Scopus Author ID: 7403064748](#)

[ResearcherID: C-4956-2008](#)

[Scopus Author ID: 56369396700](#)



Connecting different identifiers to the researcher's ORCID account – Researcher Name Resolver ID (Japan)



# Connections: Works

Je-Wook Yu

**ORCID iD**

<https://orcid.org/0000-0001-5943-4071>

▼ Employment (1)

Yonsei University College of Medicine: Seodaemun-gu, Seoul, KR  
2012-03-01 to present | (Microbiology and Immunology)  
Employment

Source: Je-Wook Yu

★ Preferred source

Non-invasive in vivo imaging of caspase-1 activation enables rapid and spatiotemporal detection of acute and chronic inflammatory disorders

2020 | journal-article

DOI: [10.1016/j.biomaterials.2019.119543](https://doi.org/10.1016/j.biomaterials.2019.119543)

URI: [22282913/174897](https://pubmed.ncbi.nlm.nih.gov/31634653/)

PMID: 31634653

Source: Yonsei University Medical Library

★ Preferred source



Connecting professional activities to the researcher's ORCID account –Yonsei University Medical Library



# Connections: professional profile



登录/注册

注册项 ▾

搜索

面向研究者

面向组织

关于

帮助

智远方

ORCID iD

<https://orcid.org/0000-0003-1664-759X>

打印视图 ?

其他 ID

eScientist: 0000-0003-1664-759X

▼ 成果 (47 of 47)

Differentially Expressed Genes Associated with the Cabbage Yellow-Green-Leaf Mutant in the ygl-1 Mapping Interval with Recombination Suppression.

International journal of molecular sciences

2018-09 | journal-article

PMID: 30261688

DOI: 10.3390/ijms19102936

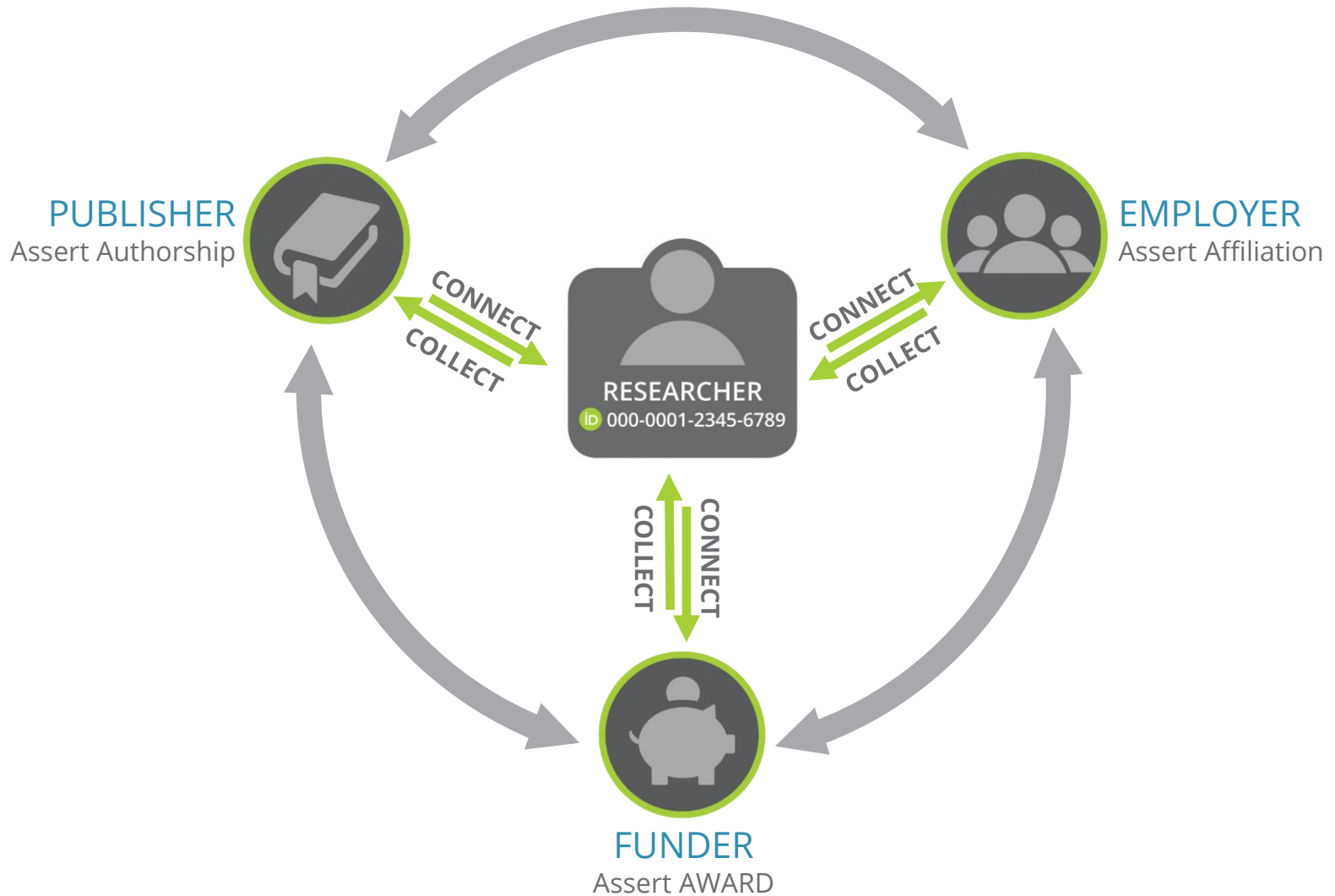
源: 智远方 via Europe PubMed Central

★ 首选源

Connecting a professional profile (eScientist) to the researcher's ORCID account - 农业科学家在线系统



# Interoperability



# ORCID Community

Collaborating to build open science infrastructure

# The ORCID Team





# ASIA PACIFIC ENGAGEMENT TEAM



**Estelle Cheng**  
Engagement  
Manager, APAC



**Camillia Lu**  
Engagement  
Lead, APAC



**Brian  
Minihan**  
Engagement  
Lead, Oceania  
& Hong Kong

Languages spoken:  
Chinese, English, Japanese



<https://orcid.org/about/membership/engagement-regions>



# The ORCID Community

- ORCID is a **non-profit, membership, and platform-neutral** organization. ORCID is sustained by members from publishers, funders, research institutes and others
- ORCID is governed by representatives from a Board.
- Over 9 million researchers have registered for an iD
- Over 1000 member organizations in 51 countries, including 22 national consortia
- 600+ research systems using ORCID in all sectors





# ORCID in the APAC

- 159 members in total
- 132 integrations - connections between ORCID members' systems with ORCID Registry
- 4 Consortia (Australia, Japan, New Zealand and Taiwan)
- Work with 3 DOI Registration agencies in Asia
  - Airiti
  - Japan Link Center
  - Korea Institute of Science and Technology

# Working with ORCID: Use Cases

Best practices for adopting ORCID in research data management

# Data Repositories

- Data repository platforms are one of the key components in research data management
- ORCID Task Force Recommendations - A diverse team of [15 repository experts](#) representing 12 countries on six continents developed [recommendations for public comment](#) in October 2018
- ORCID and the repository community now advocate for adoption of the recommendations by repository platform providers
- Some examples of repositories supporting ORCID



# Use Cases: Automatic Updates

- Automatically pushes metadata to ORCID when an ORCID identifier is found in newly registered DOI names.
- Enable time-savings for researchers, preserve metadata quality, and support transparency and trust in research information
- This manifests the value of connecting PIDs
- 3 DOI RAs support this: Crossref, DataCite, Japan Link Center




☐ 研究人员使用唯一标识符的价值

Figshare



2019 | other

DOI: [10.23640/07243.8029259.v1](https://doi.org/10.23640/07243.8029259.v1)

**Source: DataCite**

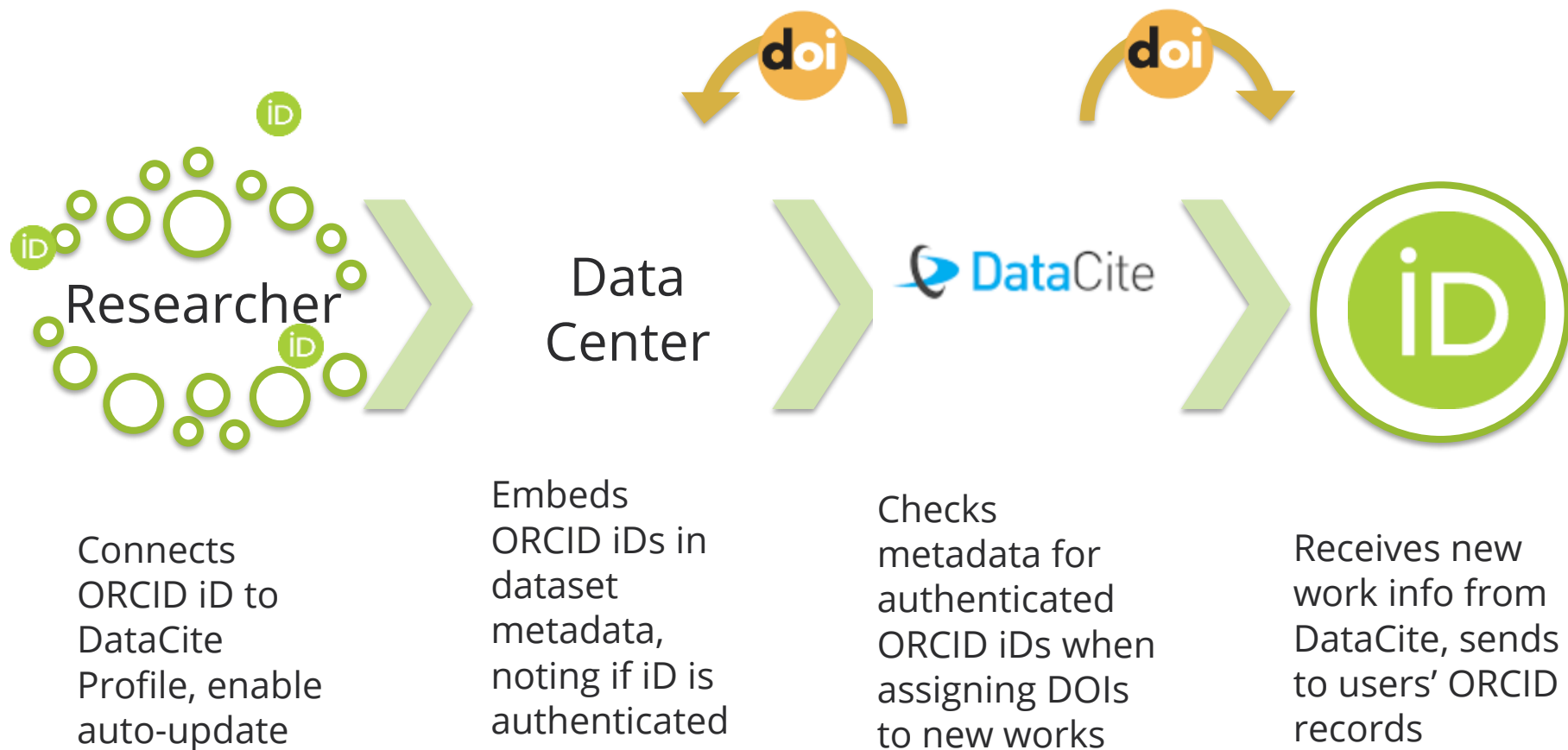


★ Preferred source





# Use case: Automatic Updates

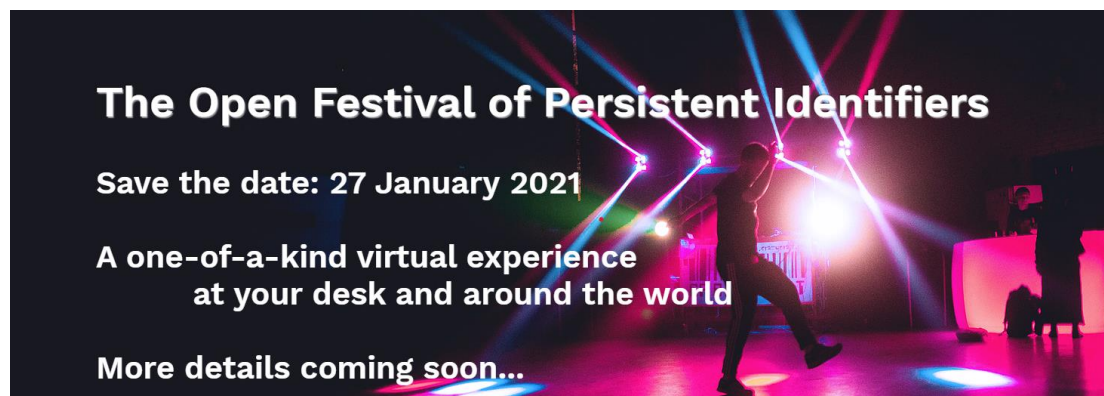


# We Each Play a Role

For the vision to become a reality, each part of the community must participate in building open research infrastructure that enables research data to be processed, archived, interpreted, published, and made available for re-use in a transparent and trusted way.

# Upcoming Events

- Pidapooloza - The Open Festival of Persistent Identifiers
- Save the date: 27 January 2021
- [Event website](#)





# THANK YOU



Find out more at <https://orcid.org>

Register at <https://orcid.org/register>

Email [e.cheng@orcid.org](mailto:e.cheng@orcid.org)

All about ORCID

<https://orcid.org/about>

ORCID Membership

<https://orcid.org/about/membership>

ORCID for Research Organizations

<https://orcid.org/organizations/research-orgs>

Support Center: Structured Workflows

<https://members.orcid.org>

ORCID Blog: Keep posted about ORCID

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