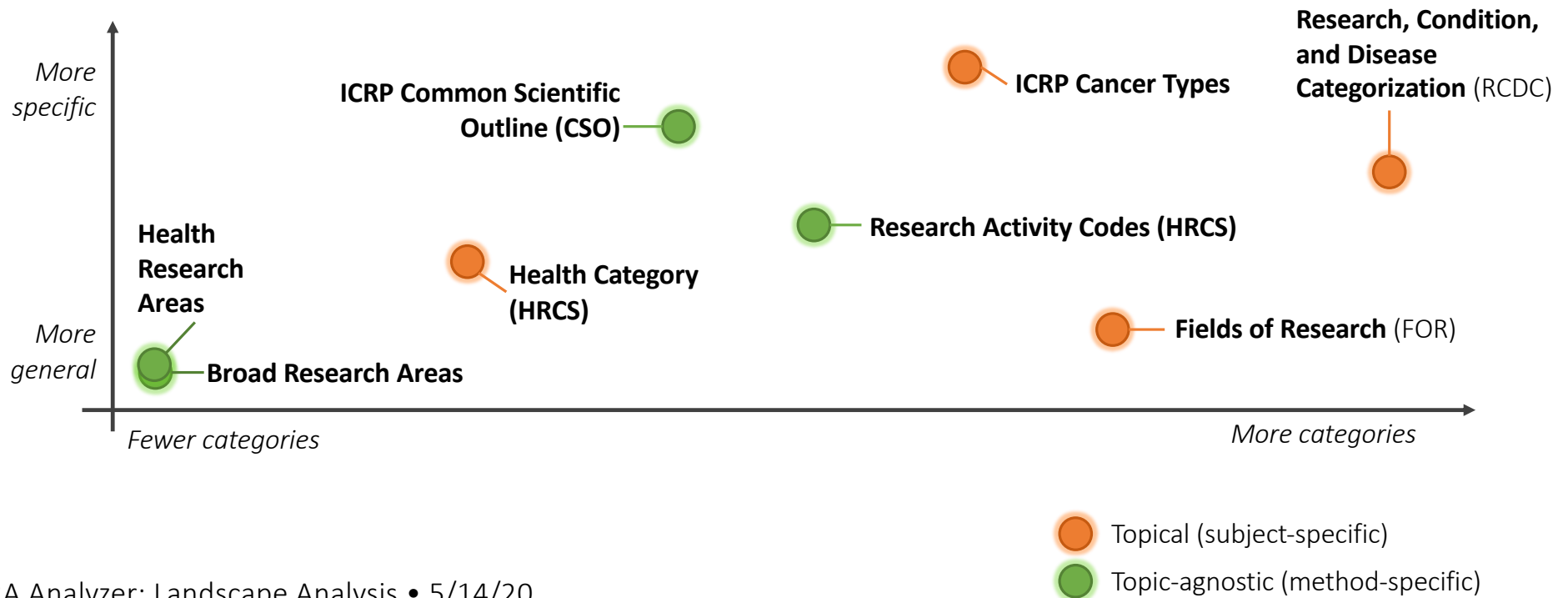# Research Categories

In HRA Analyzer, classification systems = "Research Categories"

- Based on standard national and international coding systems

- Automated algorithms assign categories based on all data available (i.e., title, abstract text)

- Schemes vary in both purpose and specificity

Research Categories

Health Research Alliance

Classification System	System Description	Developers	Category #
Research, Condition, and Disease Categorization (RCDC)	Biomedical categories including research areas (e.g., neuroscience), diseases (e.g., diabetes), and conditions (e.g., chronic pain)	US National Institutes of Health (NIH)	237*
Fields of Research (FOR)	Covers all areas of research from Arts and Humanities to Science and Engineering; in Analyzer, 2-digit division codes and 4-digit group codes are used as categories	ANZSRC (Australian and New Zealand Standard Research Classification)	22 divisions* ↳ 157 groups*
ICRP Cancer Types	Standard cancer type coding scheme linked to the International Classification of Disease	International Cancer Research Partnership (ICRP)	62*
Health Category (HRCS)	Biomedical topic/disease categories, including a 'Generic Health Relevance' category	UK Health Research Classification System (HRCS)	21*

* Grants may be tagged with multiple categories

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Research Categories

Classification System	System Description	Developers	Category #
Research Activity Codes (HRCS)	Biomedical research codes that help to describe how basic or applied research is	UK Health Research Classification System (HRCS)	8 groups* ↳ 48 codes*
ICRP Common Scientific Outline (CSO)	Broad areas of interest in cancer research, used to stratify grants by activity/approach	International Cancer Research Partnership (ICRP)	6 areas* ↳ 34 codes*
Broad Research Areas	Basic Science; Clinical Medicine and Science; Health Services Research; Public Health	ANZSRC	4
Health Research Areas	Biomedical; Clinical; Health Services & Systems; Population & Society	Dimensions	4

* Grants may be tagged with multiple categories

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Where to find categories

Health Research Alliance

HRA Analyzer 🔍 | 2019 Start Year ✕ | macrophage Free text in full data ✕ | Save / Export | Support | 👤 Diane Sa...

< Go back

HRA Grant

Regulatory role of pericardial macrophages in myocardial infarction

Funder: American Heart Association (AHA)
HRA Grant number: 19TPA34910007

Investigators
Daniela Cihakova - Johns Hopkins University
PI

Research organization
Johns Hopkins University, United States

Abstract
Under steady state, cardiac resident macrophages maintain their population through both self-renewal and blood monocyte replenishment. Resident macrophages die massively within 24 hours post-myocardial infarction and need to be replaced. Blood monocytes become a major source of cardiac macrophages after 2-3 days post-infarction, since macrophages are not present in the blood. We were searching for another source of macrophages that could replenish the lost cardiac resident macrophages after infarction sooner. We propose that pericardial macrophages are able to replace lost cardiac resident macrophages. Using

More

Details

Funding amount
USD 300 K

Funding period
2019 - 2022
1 Jul   30 Jun

Research Categories

Fields of Research
11 Medical and Health Sciences
1102 Cardiorespiratory Medicine and Haematology

Category codes

Research, Condition, and Disease Categorizations
Cardiovascular
Heart Disease - Coronary Heart Disease

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Where to find more details

In Filters menu, expand *Research Categories* and hover over a category to click Browse

Once on the browsing page, click About Research Classifications to learn how systems are applied to HRA data

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Want to learn more?

Health Research Alliance

HRA Analyzer Webinar Series

Thursdays from 2-3pm Eastern

- Hands-on "use cases"
- Q&A and discussion with HRA users

Join one or all weeks!

📤 Read more & register [here](#)

Date	Topic
4/30/20	*Intro to HRA Analyzer* ↗
5/7/20	*Data Upload* ↗
5/21/20	The Grants Process – from finding reviewers to duplicative submission and overlap in funding
5/28/20	Portfolio Analyses
6/4/20	How to Use & Access "Offline Data"

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