

Raising Research Visibility & Impact Integrating InCites B&A with Scholarship@Miami

Presented by

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University of Miami (FY24)

Setting the stage

19K

Researchers, Faculty & Staff

19K

Undergrad & Grad Students

12

Schools & Colleges

\$492M

Sponsored Research Expenditures

2023

Awarded Association of
American Universities (AAU)
status

University of Miami Libraries & Research Visibility

Key initiatives:

01 Open Access Funding

02 Research Analytics & Impact Services team

03 Scholarship@Miami



Scholarship@Miami



Over **160,000** research assets and creative works added to over **9,500** profiles, representing all schools and colleges

Over **130,000** journal articles published in about **12,000** journals. Over **6,000** book chapters and more than **8,000** ETDs

More than **3,500** grants added to more than **700** researcher profiles

UM Libraries and Office of Research & Scholarship Partnerships

Esploro
development

2017-2020

Faculty Success
Integration

2020

Research Analytics
Working Group

2023

Launch of
Scholarship@Miami

ORCID Connect &
Create Campaign

Research
Deans' Council

2023

2024



Enhancing the impact of research outputs to elevate the University's reputation and research funding

Academy* Faculty Profiles Systems Matrix

	Workday workday.miami.edu Automated data via Workday Integration	People people.miami.edu Manual data managed by People Profile Manager	Faculty Success miami.edu/digitalmeasures Manual data entry by faculty member and/or proxy	Scholarship@Miami scholarship.miami.edu/esploro Automated data via UM Libraries
Preferred Name	X			
Business Title	X			
School/Department	X			
Office Location	X			
Phone Number/Email Address	X			
Profile Photo		X		
Biography			X	
Related Links			X	
Download CV (PDF/Link)		X		
Education and Training				X
Research/Teaching Interests				X
Honors and Awards				X
Licensures and Certifications				X
Copyrights and Patents				X
Professional Activities				X
Media Appearances				X
Publications				X
Grants				X

*Medical faculty profiles' systems may differ slightly. For detailed information, [please visit the med.miami.edu info site](#).

Learn more: miami.edu/about-faculty-profiles



Sylvia Daunert, Pharm.D., M.S., Ph.D.
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Contact
Lab: 305-243-4305
ResearchGate Website

Roles
Professor and Justice R. Manley Chair, Department of Biochemistry and Molecular Biology
Director, Dr. J. T. Martino's Biomedical Nanotechnology Institute
Director of Research, Center for Integrative and Complementary Medicine
Director, Frank and Ida Keres and University STEM Centers and Initiatives University of Miami

Biography

Education & Training

Honors & Awards

Teaching Interests

Research Interests

Publications

Disclaimer: This faculty member's bio data has been extracted using a machine learning technique. While every effort is made to ensure accuracy, it is not guaranteed. Please verify this data in reference to the faculty member's actual academic record.

Recent publications

bioRxiv preprint
A portable, encapsulated microbial whole-cell biosensing system for the detection of bioavailable copper (II) in soil.
bioRxiv preprint (2023)

bioRxiv preprint
Esploro: Biosensor for the organic cation molecule 3-(S-dimethylsulfamoyl)benzene-2-ol (DAB)
bioRxiv preprint (2023)

Esploro as Connector

Scholarship@Miami & Faculty Success

Publications and grants data on UM People site and the Medical Faculty Directory are automatically populated via Scholarship@Miami

The image shows a screenshot of the InCites Benchmarking & Analytics software interface. It is divided into three main sections: 'Analyze', 'Report', and 'Organize'. Each section has a circular icon with a green and blue design, a title, a brief description, and a teal 'Start an analysis', 'Explore reports', or 'Organize your projects' button.

- Analyze**
Dig into the data.
Start from scratch, revisit recent analyses, or pick a popular use case to launch a starter analysis.
[Start an analysis](#)
- Report**
Gather your insights to present and share.
Create a custom report or revisit saved reports. Or, start with an overview report with analyses you can adjust as needed.
[Explore reports](#)
- Organize**
Keep tabs on multiple research questions and trends.
Organize your analyses, visuals, and reports into folders and dashboards that you can revisit.
[Organize your projects](#)

Overview of InCites Benchmarking & Analytics (B&A)

InCites Benchmarking & Analytics is a citation-based evaluation tool from Clarivate that analyzes institutional productivity and benchmarks output using data from the Web of Science

The Integration Process Between the Two Systems

<https://incites.zendesk.com/hc/en-gb/articles/20859100294289-Research-Area-Schemas>

Requirements & Setup

- The institution must be subscribed to the *Esploro Advanced Edition*
- Must have an InCites subscription
- The evaluated asset (publication) must have a Web of Science (WOS) identifier

Research Area Schemas

★ Emerging Topics Research Area Schema	► Essential Science Indicators	► Research and Innovation Strategies for Specialization (RIS3)
► Lithuania SmartS	► European Research Council (ERC)	► ShanghaiRanking GRAS
► Research Area Schemas	► FAPESP Brazil	► Sustainable Development Goals
► ANVUR Category Schema	► Global Institution Profiles Project Research Areas (GIPP)	► UK RAE Units of Assessments 2008
► Australia ERA FoR	► KAKEN Category Schema	► UK REF Units of Assessment 2014
► CAPES Brazil	► OECD Category Schema	► UK REF Units of Assessment 2021
► China SCADC Subject Categories	► PL19 Category Schema	► URAP Field Ranking
► Citation Topics		► Web of Science Research Areas

Research Portal Enhancements:

How metrics are displayed on the public profile

JOURNAL ARTICLE | OPEN ACCESS | PEER REVIEWED

Neurotransmitters: The Critical Modulators Regulating Gut-Brain Axis

by Rahul Mittal, Luca H Debs, Amit P Patel, Desiree Nguyen, Kunal Patel, Gregory O'Connor, M'hamed Grati, Jeenu Mittal, Denise Yan and Adrien A Eshraghi ... (13 authors)

Published 2017-09

Journal of cellular physiology, 232, 9, 2359 - 2372

Neurotransmitters, including catecholamines and serotonin, play a crucial role in maintaining homeostasis in the human body. Studies on these neurotransmitters mainly revolved around their role in the "fight or flight" response, transmitting signals across a chemical synapse and modulating blood flow. However, recent research has demonstrated that neurotransmitters can play a significant role in the gut-brain axis. This research highlights the complex interplay between the nervous system and the gut microbiome, and how neurotransmitters like serotonin and dopamine can regulate gut function and vice versa. The findings have important implications for understanding the pathophysiology of various diseases, including depression, anxiety, and inflammatory bowel diseases. The study also emphasizes the need for further research to explore the full scope of neurotransmitter function in the gut-brain axis.

▼ Show more

Mittal, R., Debs, L. H., Patel, A. P., Nguyen, D., Patel, K., Mittal, J., Yan, D., Eshraghi, A. A., Deo, S. K., Daunert, S., & Liu, X. Z. (2017). Neurotransmitters: The critical modulators regulating gut-brain axis. *Journal of Cellular Physiology*, 232(9), 2359–2372.
<https://doi.org/10.1002/jcp.25518>



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[UN Sustainable Development Goals \(SDGs\)](#)

[Details](#)

 <https://doi.org/10.1002/jcp.25518>
 [Published \(Version of record\)](#) | [Open](#)

 [View](#)

Metrics

 177 Record Views  403 Times Cited - Web of Science



[See more details](#)

- Picked up by 34 news outlets
- Blogged by 2
- Posted by 31 X users
- Referenced in 1 patents
- On 3 Facebook pages
- Referenced in 2 Wikipedia pages
- Mentioned in 2 Google+ posts
- On 1 videos
- 831 readers on Mendeley

InCites Highlights

These are selected metrics from InCites Benchmarking & Analytics tool, related to this output

-  Citation topics: 1 Clinical & Life Sciences / 1.120 Inflammatory Bowel Diseases & Infections / 1.120.384 Gut Microbiota
- Web Of Science research areas: Cell Biology / Physiology
- ESI research areas: Molecular Biology & Genetics

UN Sustainable Development Goals (SDGs)

This output has contributed to the advancement of the following goals:



Source: InCites

Esploro as Connector: Esploro Analytics

% of Documents Cited
82.3%

% of Open Access WOS Docs.
43.7%

Web of Science Documents
118,889

Number of Assets
166,081

Author Preferred Name, Number of Assets, Web of Science Documents, Total Citation count, % of Documents Cited, % of Open Access WOS Docs., Number of Domestic Collaborations (InCites), Number of ESI Highly Cited Pap...

Author Preferred Name	Number of Assets	Web of Science Documents	Total Citation count	% of Documents Cited	% of Open Access WOS Docs.	Number of Domestic Collaborations (InCites)	Number of ESI Highly Cited Papers (InCites)	Number of Industry Collaborations (InCites)	Number of International Collaborations (InCites)	Number of Domestic Collaborations (InCites)
Panicon-Vance, Margaret A.	1,236	778	102,903	89.2%	55.8%	664	9	71	259	664
Staico, Ruth J.	1,106	886	98,786	90.2%	71.7%	662	8	43	263	662
Nemethov, Charles	996	813	80,749	91.9%	26.1%	420	13	45	139	420
Schally, Andrew Victor	1,823	1,354	63,872	94.3%	25.2%	794	0	11	382	794
Miller, Frank J.	525	438	49,342	98.4%	22.6%	164	4	2	110	164
Poir, Jeff	899	744	46,281	86.8%	56.9%	681	3	51	612	681
Lipshutz, Steven	361	326	44,143	91.1%	51.8%	247	1	37	76	247
Wang, Michael Y.	1,220	892	39,292	79.1%	64.7%	638	13	78	427	638
Hare, Joshua M.	699	504	39,154	81.5%	65.3%	248	8	21	86	248
Marvey, Phillip D.	1,107	858	38,740	79.8%	38.3%	658	6	77	260	658
Schaf, Eugene R.	555	451	37,753	88.5%	31.5%	264	6	113	87	264
Ricordi, Camillo	1,238	763	37,387	89.3%	52.4%	432	3	20	267	432
Vahlquist, Olaf R.	394	313	35,776	91.7%	56.9%	169	4	16	136	169
Demuth, W. Galen	559	459	34,963	82.6%	47.3%	105	1	23	58	105
Lippman, Marc E.	429	359	32,617	86.1%	26.7%	149	2	21	46	149
Chen, X. Steven	685	575	31,684	92.2%	72.0%	323	10	17	179	323
Rosenfeld, Philip J.	424	341	30,966	82.7%	47.5%	298	10	68	112	298

Esploro as Connector: benefits

Connections

between active affiliated researchers and InCites impact indicators

Automatic updates

of InCites impact indicators for researchers affiliated with UM within Scholarship@Miami

The power of analytics: Esploro Analytics enables the creation of reports & dashboards, which include data from Esploro and inCites

Customized reports

can be shared using the report scheduling in Esploro, making collaboration and integration easier



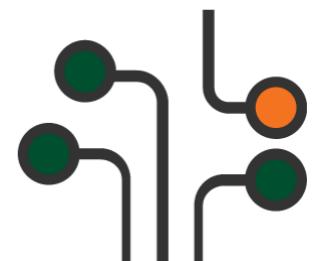
Further situates the Libraries as a key partner in the university's research strategy

Esploro as Connector: Challenges

Only publications with a WOS ID in Esploro will show InCites data and citation details

Our
scholarship@miami
database is not yet complete, and some publications are missing, resulting in incomplete InCites data

InCites data is currently accessible **only** through the Esploro Analytics Research Assets Subject Area. InCites' Impact Indicators are **not yet** available in other Subject Areas in Analytics



Questions?

THANK
YOU

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