



Publication Outcome of Abstracts Submitted to the American Association of Pediatric Ophthalmology and Strabismus Meeting

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Arrow Project Meeting

February 1, 2019

Background

- Why do some abstracts get published and some don't?



Background

- What are the factors that determine which abstracts will be published?



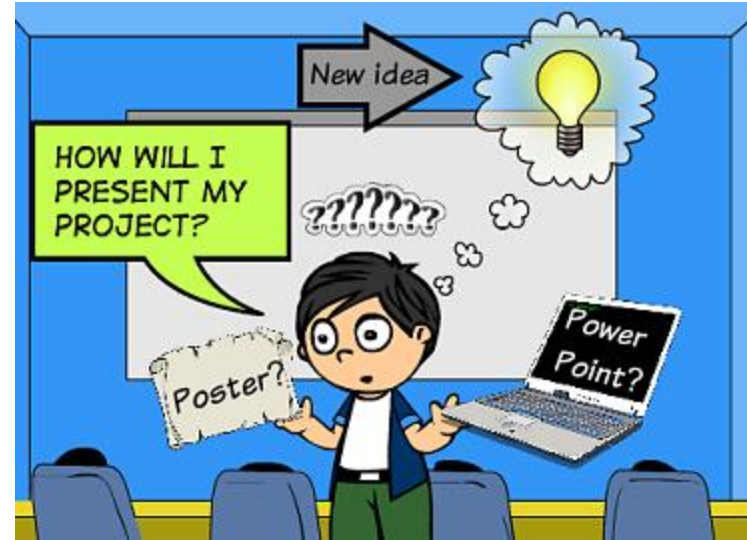
Background

- And those that are published are they published in high impact factor journals?



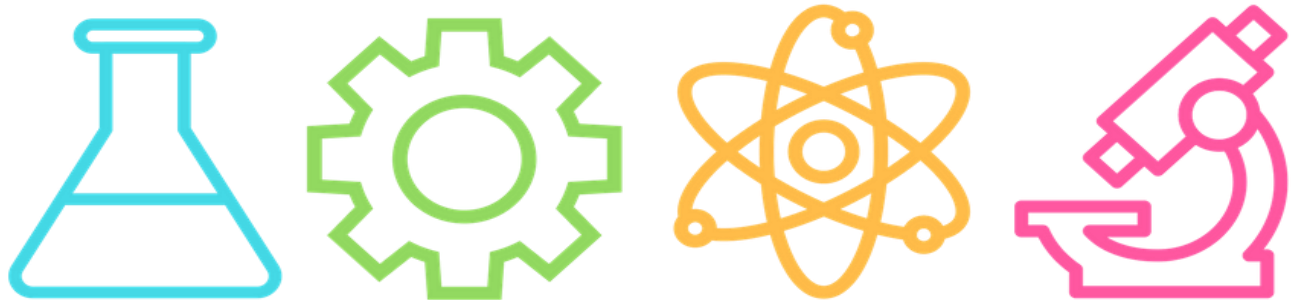
Background

- Is there a difference between poster and oral presentation?



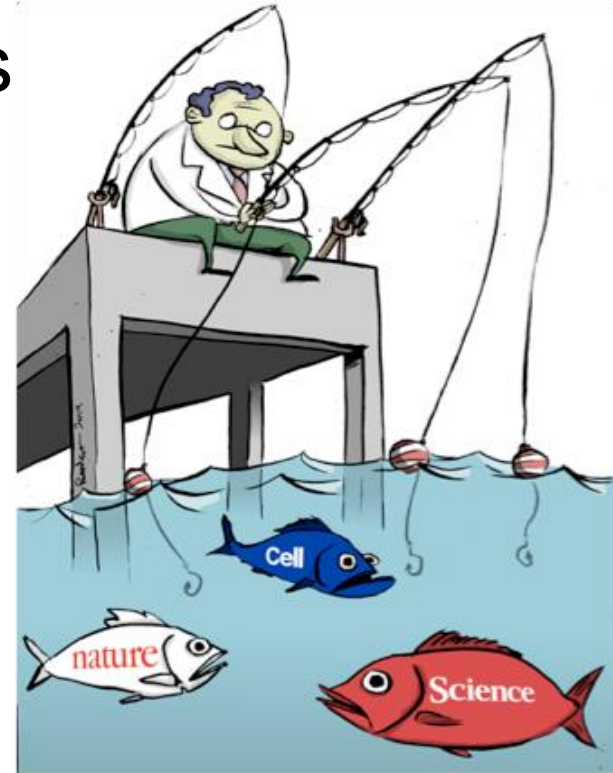
Background

- Is there a difference between clinical and basic science study?



Background

- How long after presentation does it take to publish?



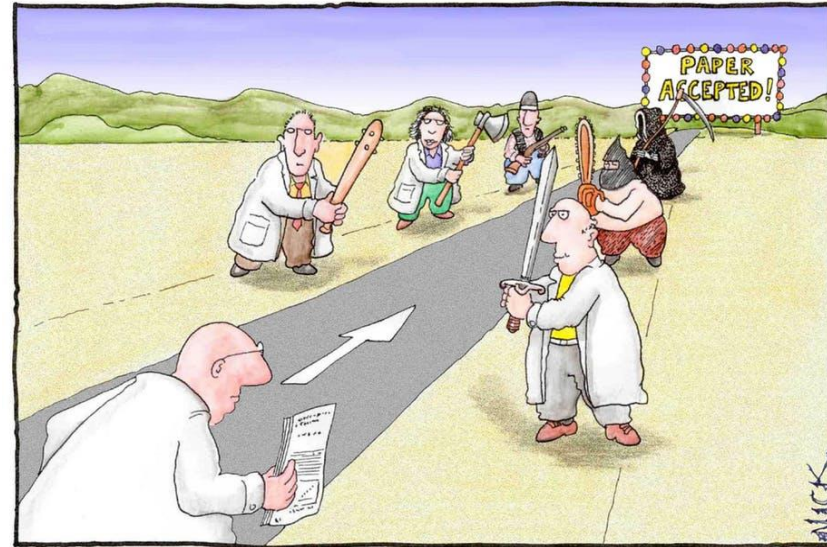
Background

- Presentation of a study at a scientific conference is a method for rapid dissemination of research information



Background

- Between one quarter to two thirds of all abstracts submitted to conferences in different fields of medicine are published



Purpose

- This is a pioneer study in the field of pediatric ophthalmology in which we evaluate which abstracts are most likely to be published



Objectives

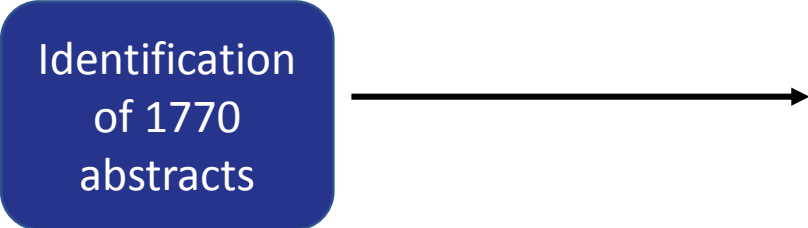
- Determine the publication rate of abstracts presented at the American Association of Pediatric Ophthalmology meetings
- Identify factors associated with greater publication rate
- Identify factors associated with higher impact factor
- Identify factors associated with shorter time to publication



Methods

- All 1770 abstracts presented at the 2001-2014 AAPOS meetings were identified

Identification
of 1770
abstracts

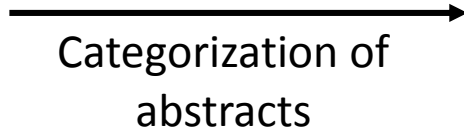


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Methods - Abstracts Categorization

- Presentation format
- Affiliation
- Funding
- FDA, NIH, NEI sponsored studies
- Ophthalmic subspecialty
- Research scope
- Methodology
- Prevalence
- Multicenter

Identification
of 1770
abstracts



Methods

- A PubMed and Google Scholar search was conducted

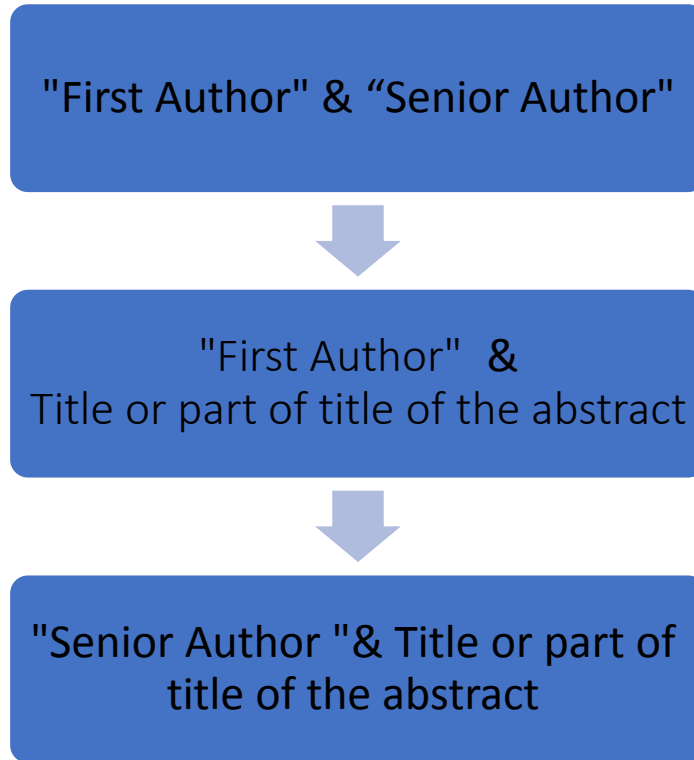
Identification
of 1770
abstracts

→
Categorization of
abstracts

Full-text
manuscript

A PubMed and Google Scholar search

Methods - A PubMed and Google Scholar search



Methods - Manuscripts Categorization

- The same categorization as abstracts
- Time from presentation to publication
- Name of paper
- Journal type
- Journal impact factor
- Publication type

Identification
of 1770
abstracts

→
Categorization of
abstracts

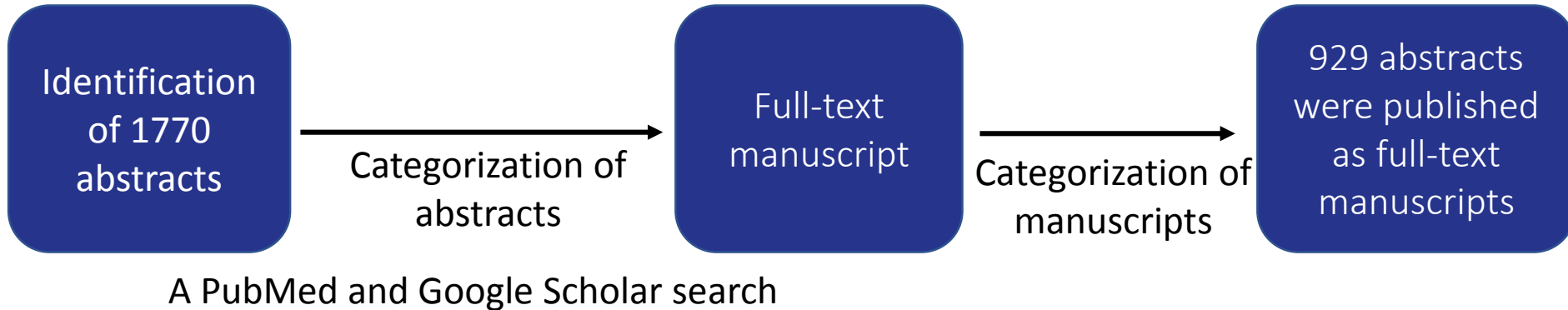
Full-text
manuscript

→
Categorization of
manuscripts

A PubMed and Google Scholar search

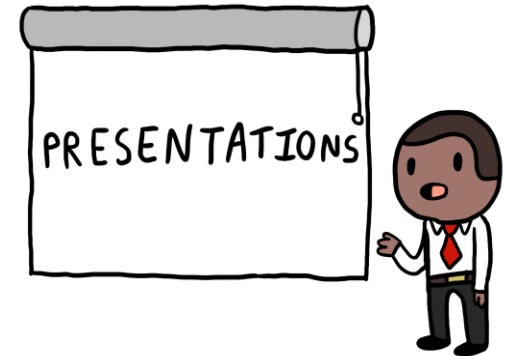
Results

- Publication rate was 53%



Results - Presentation Format

- Published Posters- 46%
- Published Oral presentation- 69%



Results - Time from Presentation to Publication

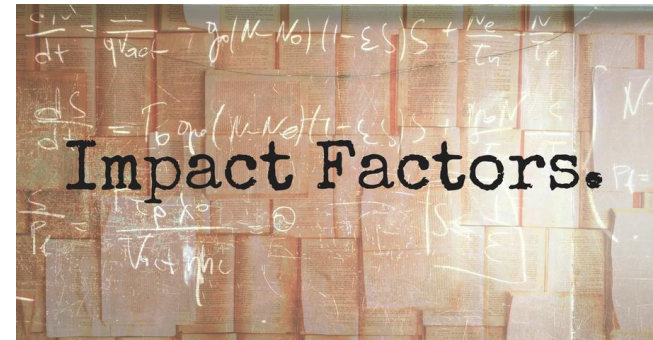
Average of time from:

- Presentation to publication- 2 years
- Oral presentation to publication- 1.6 years
- Poster presentation to publication- 2.2 years



Results - Journal impact factor

- Average journal IF- 2.2
- Average journal IF for oral presentation- 1.77
- Average journal IF for poster presentation- 2.2

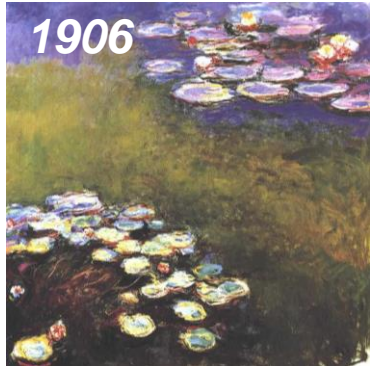


Conclusions

- If you want to publish your presented study you should present it as an Oral presentation
- It will probably be published in a shorter time
- It may be published in a lower IF journal



Acknowledgements



- Prof Tamara Wygnanski-Jaffe
- Dr. Tomer Ziv

Thanks for Listening!

Claude Monet (1840-1926)