

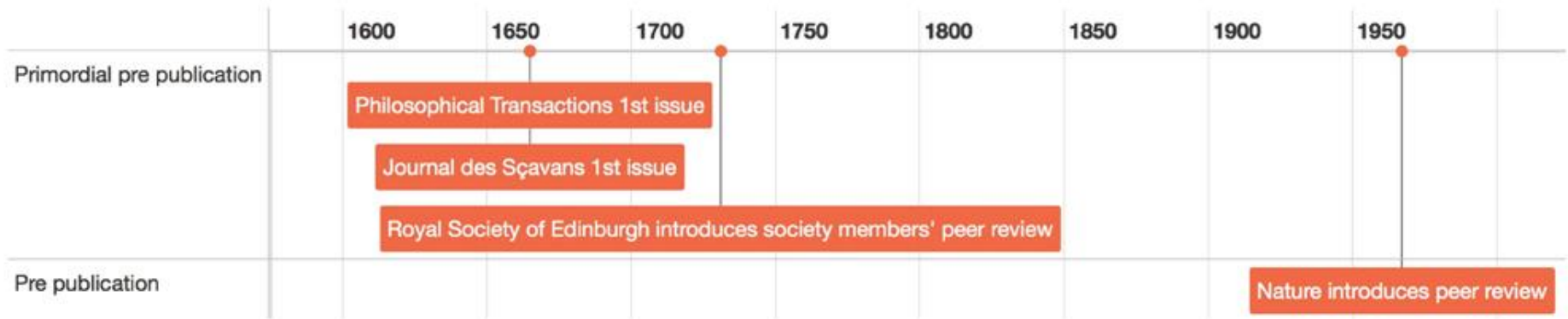
# Tendencias de la revisión por pares para la evaluación científica



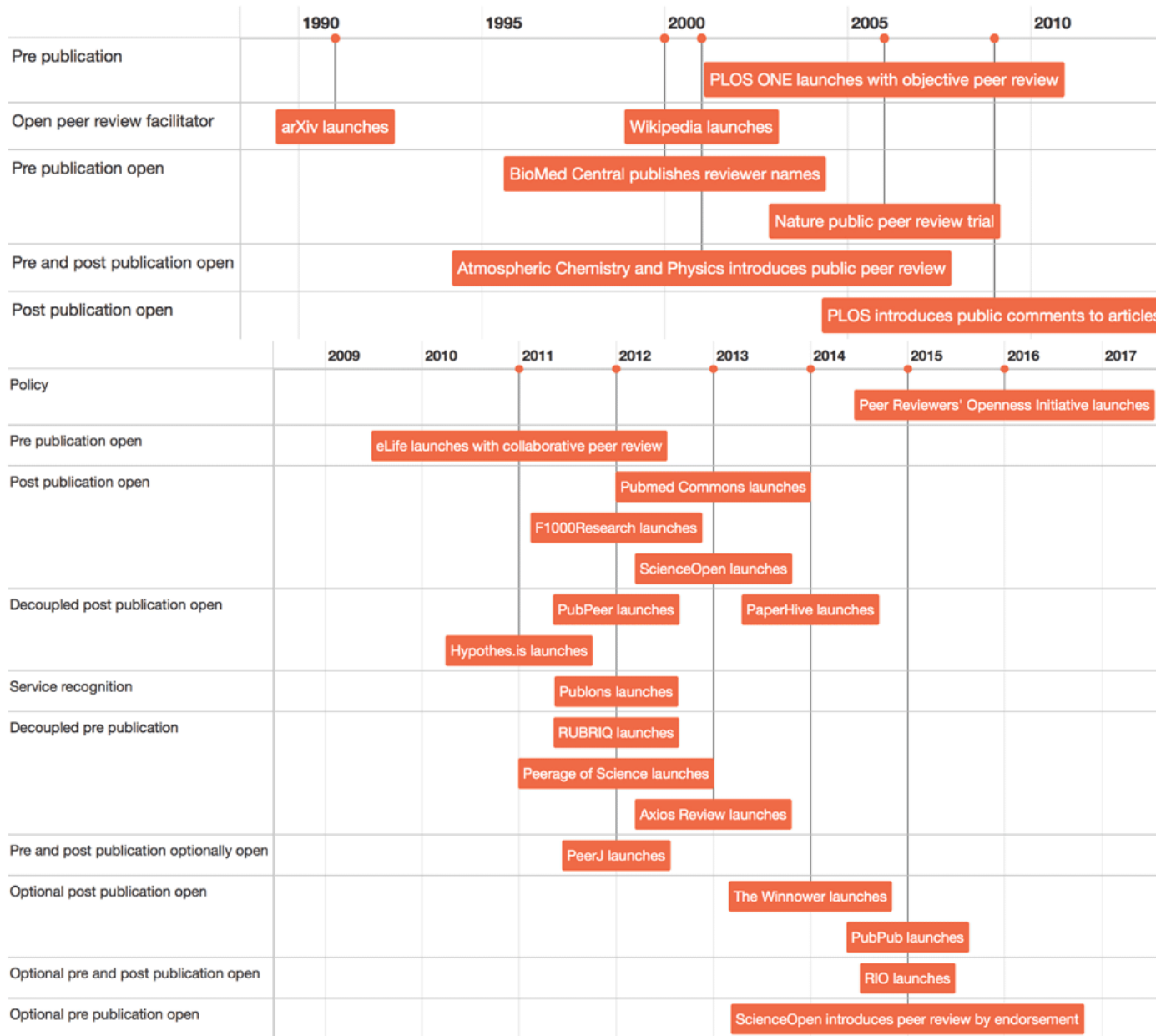
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Ext. 1004



<https://f1000research.com/articles/6-1151/v3>



<https://f1000research.com/articles/6-1151/v3>



<https://www.youtube.com/watch?v=rOCQZ7QnoN0>



- Validez de la ciencia
- Asesoramiento gratuito para autores
- Trabajos más robustos, fáciles de leer, útiles

### **Detección de:**

- Datos incompletos
- Análisis deficiente
- Metodología inapropiada
- Investigación débil
- Conclusiones imprecisas



- Limitada capacidad de detectar errores metodológicos y estadísticos
- Dificultad para localizar plagio
- Proceso caro, lento, subjetivo
- Muy diferentes comentarios y evaluaciones entre revisores
- Trabajo sin remuneración y poco reconocido
- Desgaste o “burnout” de los revisores

## Tiempo estimado dedicado a la revisión de artículos en 2020

4,701,988 submissions accepted after peer-review x 3 reviews / submission	3,847,081 submissions rejected after peer review x 2 reviews / submission
14,105,964 reviews	7,694,162 reviews



Total number of reviews: <b>21,800,126</b>
6 hours / review



Total hours of labor spent on reviewing: <b>130,800,757 hours</b>
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Aczel B, Szaszi B, Holcombe AO. A billion-dollar donation: estimating the cost of researchers' time spent on peer review. Res Integr Peer Rev. 2021 Nov 14;6(1):14. doi: 10.1186/s41073-021-00118-2. PMID: 34776003; PMCID: PMC8591820.



WHY

HOW

WHEN

WHY

WHICH

WHO

?

WHEN

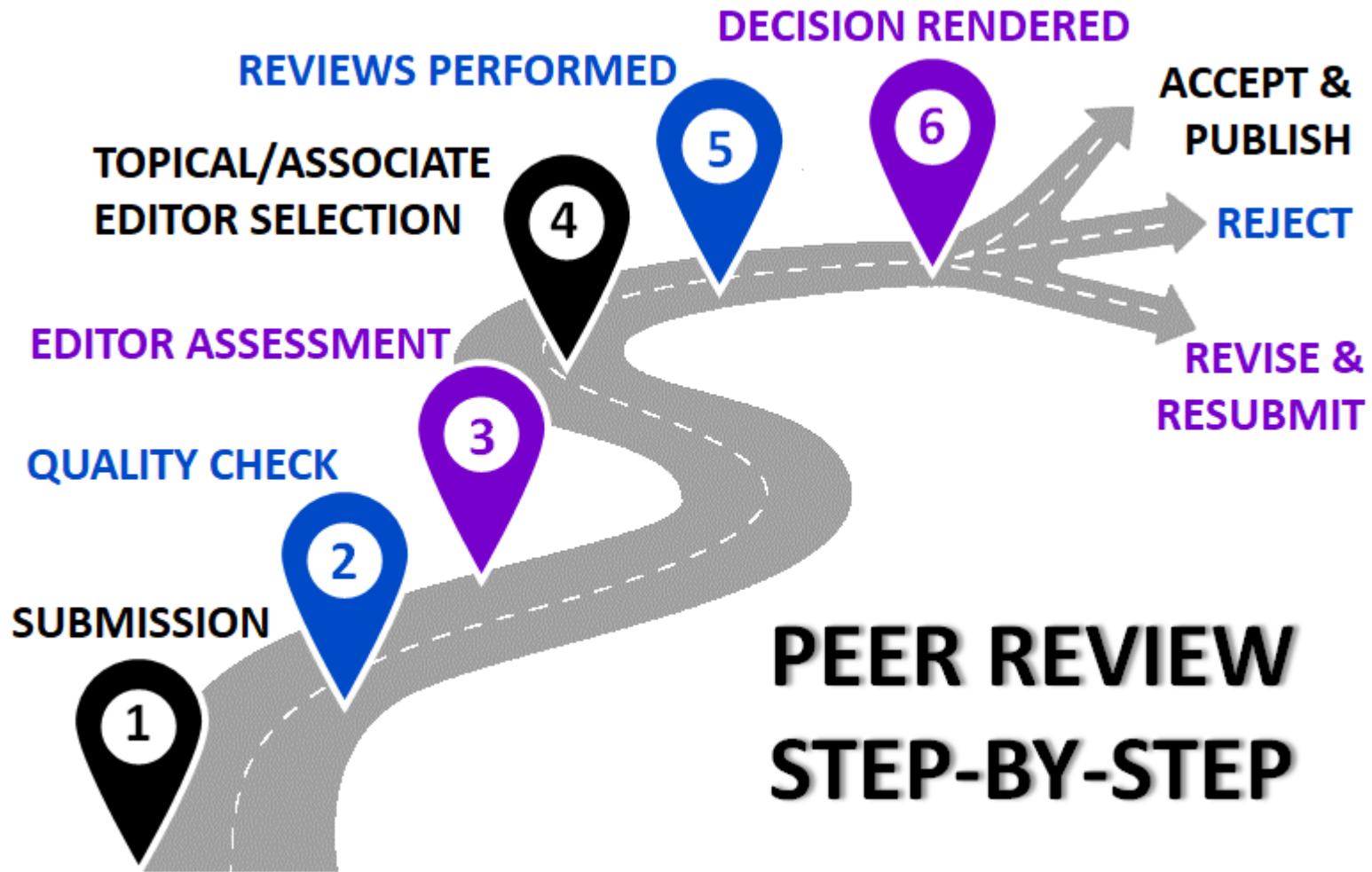
WHAT

WHO



# Peer Review Prepublicación





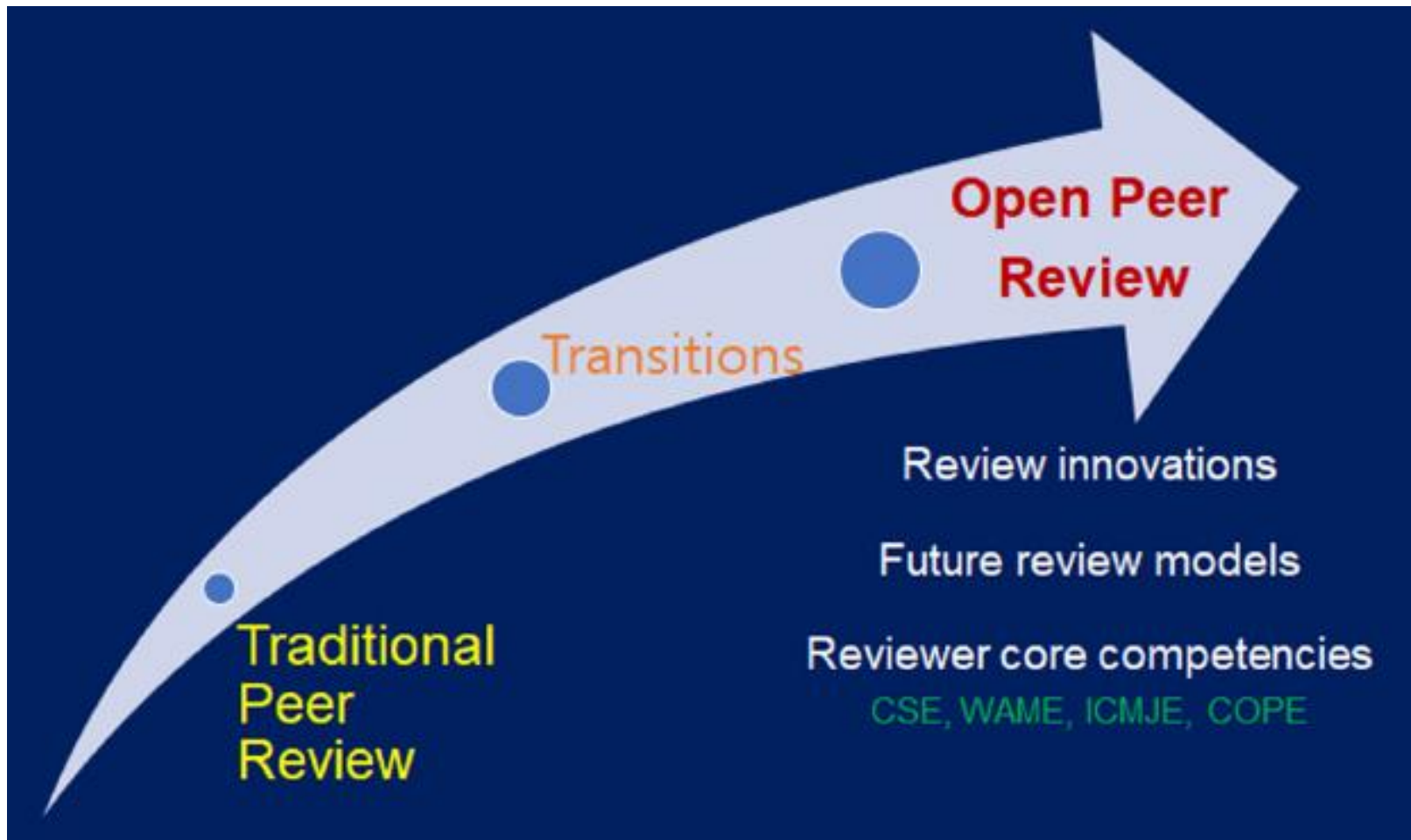
Witt, Steven. «Global Trends in Knowledge Production and the Evolving Peer Review Process». *JLIS.It* 14, n.o 1 (2023): 1-9. <https://doi.org/10.36253/jlis.it-515>

tipos

Revisión por **Par Doble Ciego**

Revisión por **Par Simple Ciego**

Revisión por **Pares**  
**Abierta**



Barroga E. Innovative Strategies for Peer Review. J Korean Med Sci. 2020 May;35(20):e138. <https://doi.org/10.3346/jkms.2020.35.e138>

Peer review approaches	Openness	Anonymity	Accountability	Bias	Time	Incentive
1) Traditional peer review • Assessment by editors • Evaluation by reviewers • Final decision by chief editor	- Review confidential - Reviewers/reports not published	- Single-, double- or triple-blind review	- Author-reviewer interaction hidden - Strong criticisms may be given - Less accountability (nonconstructive criticisms)	- Editorial decision not public - Review quality may be low - Reviews may be redundant	- Reviewing time varies - Publication speed based on reviewing time - New review in new journal	- Reviewers' names listed in dedicated acknowledgement page of journal
2) Open peer review • Similar to traditional review • Articles published online • Several open peer reviews as managed by editor	- Review made public - Reviewers and authors known	- Editors and reviewers disclosed to authors	- Author-reviewer interaction transparent - Strong criticisms tempered - Constructive criticisms encouraged	- Editorial decisions made public - Review quality enhanced - Redundant reviews avoided	- Speeds up publication - Shortens reviewing time - Avoids delays and new reviews	- Reviewers' names and their reports published alongside the article

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Revisión **Híbrida**

Revisión con comentarios **en artículo**

Revisión pública en **plataformas**

**Estadísticas de uso** como alternativa

# Novedades en la Revisión por Pares



Barroga E. Innovative Strategies for Peer Review. J Korean Med Sci. 2020 May;35(20):e138. <https://doi.org/10.3346/jkms.2020.35.e138>



# Modelos futuros en la Revisión por Pares



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# ReimagineReview

Registro de proyectos donde se implementa algún modelo de Revisión por Pares innovador

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