Private EVM* compatible blockchain

Access Management

Value Attribution / Traceability

Contract Management

Royalty and Rights Management

Query applications

Customised solutions

Analytics

Peer Review

Syndication

Reputation

Peer Review

Katalysis Platform

DecPub implementation

Solution Layer (dApps)

Katalysis Stack

Consumption Tracking

Micropayment

Blockchain layer

API Layer

Katalysis Platform

Micro Payment

Authentication

Micro Payment

DecPub implementation

Blockchain layer

Solution Layer (dApps)

Katalysis Stack
1. Data extraction from Journal Management System

2. Generation of a unique, anonymous ID for the reviewer.

3. Augmentation of ORCID profile with review information.

4. Storage of the anonymised review information on the blockchain.

Blockchain for Peer Review

Not-for-profit initiative founded by:

- Springer Nature
- Cambridge University Press
- ORCID
- Digital Science
Blockchain for Peer Review

**Finding**: we can build better or support reviewer finding solutions by ensuring complete review profiles, including reviewer’s preferences and availability.

**Recognition**: information sent to e.g. ORCID, third party platforms, institutions.

**Validation**: review process can be independently verified & demonstrated.

**Phase 1 - POC**

<table>
<thead>
<tr>
<th>Reviews done for Journal of Cell Biology</th>
<th>Reviews done total:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018: 2</td>
<td>2018: 12</td>
</tr>
<tr>
<td>2017: 1</td>
<td>2017: 5</td>
</tr>
<tr>
<td>2016: 0</td>
<td>2016: 1</td>
</tr>
<tr>
<td>2015: 2</td>
<td>2015: 6</td>
</tr>
</tbody>
</table>

Reviewer: Dr. John Doe
- Reviews delivered on time: 95%
- Currently available: Yes
- Currently engaged in review: No
“On a mission to democratise the value of online content”

https://www.blockchainpeerreview.org/

eveline@katalysis.io
@katalysis_io
https://www.katalysis.io