

Metadata editor for CellML models

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The problem

```

<rdf:Description rdf:about="">
  <dc:creator rdf:parseType="Resource">
    <vCard:N rdf:parseType="Resource">
      <vCard:Family>Lloyd</vCard:Family>
      <vCard:Given>Catherine</vCard:Given>
      <vCard:Other>May</vCard:Other>
    </vCard:N>
    <vCard:EMAIL rdf:parseType="Resource">
      <rdf:value>c.lloyd@auckland.ac.nz</rdf:value>
      <rdf:type rdf:resource="http://imc.org/vCard/3.0#internet"/>
    </vCard:EMAIL>
    <vCard:ORG rdf:parseType="Resource">
      <vCard:Orgname>The University of Auckland</vCard:Orgname>
      <vCard:Orgunit>Auckland Bioengineering Institute</vCard:Orgunit>
    </vCard:ORG>
  </dc:creator>

  <dcterms:created rdf:parseType="Resource">
    <dcterms:W3CDTF>2009-10-08</dcterms:W3CDTF>
  </dcterms:created>
</rdf:Description>

<rdf:Description rdf:about="#aslanidi_2009">

  <cmeta:species>Canine</cmeta:species>

  <cmeta:bio_entity>Purkinje fibre</cmeta:bio_entity>
  <cmeta:bio_entity>ventricular myocyte</cmeta:bio_entity>

  <bqs:reference rdf:parseType="Resource">
    <dc:subject rdf:parseType="Resource">
      <bqs:subject_type>keyword</bqs:subject_type>
      <rdf:value>
        <rdf:Bag>
          <rdf:li>electrophysiology</rdf:li>
          <rdf:li>cardiac</rdf:li>
        </rdf:Bag>
      </rdf:value>
    </dc:subject>
  </bqs:reference>

```

The old solution

Modifying CellML Metadata

Use this form to edit the metadata stored in the CellML file.

- CellML File Metadata -

This section is for editing metadata about the CellML file itself, such as the creator of this file, its modification history, and documentation for the entire file as a whole.

- Creator of the CellML file -

The CellML File Creator is the person who translated the original model from the referenced paper into CellML.

Family Name

Given Name


Other Name

Email

Organisation

Organisation Unit

Publisher

Created / / 

References

Citations of the model. 'Citation 1' is assumed to be primary reference if none are specified. The primary reference determines the title and filename of this model within the repository.

- Citation 1 -

Set Citation 1 as Primary Reference


Citation Authors

#	Family Name	Given Name	Other Name(s)
1	<input type="text" value="Gupta"/>	<input type="text" value="Shakti"/>	<input type="text" value=""/>
2	<input type="text" value="Aslakson"/>	<input type="text" value="Eric"/>	<input type="text" value=""/>
3	<input type="text" value="Gurbaxani"/>	<input type="text" value="Brian"/>	<input type="text" value="M"/>
4	<input type="text" value="Vernon"/>	<input type="text" value="Suzanne"/>	<input type="text" value="D"/>

[+ add author](#)

Journal Title

Paper Title

Date of Publication / / 

PubMed Identifier

Volume

First Page

Last Page

☐ delete this citation

[+ Add Citation](#)

Questions

- ◉ Should the metadata editor be part of the repository, part of OpenCell, or a stand alone tool?
- ◉ Should we use MIRIAM as the minimum set of data required to be associated with a model?
- ◉ Can we see the rendered metadata before we publish a model?
- ◉ How do we fix the legacy problem of old models with broken or missing metadata?