Electronic laboratory note keeping

SFB 1002/1190 INF team
Research Data Platform
CRC 1002

- Collection and interconnection of research data used in publications
- Persistent resolvable access and long-term re-usability of CRC 1002 data
- Data standardization for submission to public repositories
- Data access: Development of Use & Access Policies
ELN organization
Cross-linking data in an ELN

- Research Group Filestores
- Antibody Catalogue
- Published Data Registry
- Mouse Line Catalogue
- Cell Line Catalogue
- Web Resources (Databases, Catalogues)
- Research Group Databases
- Echo Data
ELN organization
Research group representation
CRC 1002/RSpace

CRC 1002
(Scientific Consortium)

Research Group 1
1. Community (optional)
2. PI
3. Lab Manager
4. User (Scientist) sharing

Research Group 2
1. Community (optional)
2. PI
3. Lab Manager
4. User (Scientist) sharing

Cooperation
ELN organization
Structuring data in an ELN

a. Chronologically
   Diary
      Day 1
         Exp 1a
         Exp 2
         Method 4
      Day 2
         Exp 1b
         Exp 3
   b. Project-oriented
      Lab ...
         Project 1
            User 1
               Exp 1
               Exp 2
               Exp 2
            User 4
               Exp 1
         Project 2
            User 1
               Exp 1
               Exp 2
               Exp 3
            User 2
               Exp 1
   c. Method-oriented
      Lab...
         Methods (SOPs)
            PCR
            Agarose-Gel
            Cyto
         Results
            PCR
            Agarose-Gel
            Cyto
Welcome to RSpace

Username

Password

Forgotten your password?

Remember me

Login
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RSpace
Unstructured documentation

- New methods
- Room for “creativity”
RSpace
Structured documentation

- Centralized protocols
- Learning tool
- Quickly shared
- Metadata recording facilitated
Audit Trail

Audit: My RSpace Activity

You can filter this audit by Actions and Date Range

Select date range to audit From 2017-01-09 To 2017-01-13

Get Audit Report

You found 160 hits.

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Show more ...
RSpace
Sustainability

Easy additional reusable archiving strategies:

Regular Data-Exports

- Most similar to paper, partially interactive => PDF-Format
- Most similar to ELN (Rspace), interactive => HTML-Format
- Interoperability, human and machine readability => XML-Format
- Interfaces to repository software (e.g. Dataverse, DSPACE)
RSpace
Sustainability

ORCID integration

My Profile - Username: harald.kusch

First Name: Harald
Last Name: Kusch

 Optionally, add any information about you or your research.

E-Mail: harald.kusch@med.uni-goettingen.de

ORCID: http://orcid.org/0000-0002-9895-2469

Manage API key

Harald Kusch

We want to hear from you! Please take our survey to tell us about your use and experience of ORCID. Thank you!

University of Göttingen: Göttingen, Niedersachsen, Germany
2014-08 to present

Source: Harald Kusch
Created: 2015-05-06

Georg-August-University Göttingen: Göttingen, Niedersachsen, Germany
2010-08 to 2014-08

Source: Harald Kusch
Created: 2015-05-06

Ernst-Moritz-Arndt University Greifswald: Greifswald, Mecklenburg-Vorpommern, Germany
2005 to 2010

Source: Harald Kusch
Created: 2016-12-27

Julius-Maximilians-University Würzburg: Würzburg, Bayern, Germany
2000 to 2004

Keywords:
- Forschungsdatenmanagement
- e-Science
- Digital Medicine
- Digital transformation
- Biomedical informatics

Websites:
- LfM Medizinische Informatik
- CRC 1002 Research Data Platform
- Mendeley profile
- Linked In Profile
- ResearcherGate Profile
- RDA Profile
- Other IDs
  - ResearcherID: 1-5912-2015

Visit the ORCID website to learn more about this service and its benefits for researchers.
RSpace
Challenges

• Start up phase
  Takes some time

• Familiarize
  Ideal vs reality
RSpace

- RSpace Official Page
  http://www.researchspace.com/

- RSpace Manual
  http://www.researchspace.com/enterprise/help-and-support-resources-enterprise/

- Free community version
  http://community.researchspace.com/
INF team

Dr. Sara Nußbeck
(TP INF-Leader IT)
orcid.org/0000-0003-1223-6494

Prof. Dr. Blanche Schwappach
(TP INF-Leader Research)
orcid.org/0000-0003-0225-6432

Dr. Evelina De Laurentiis
(PostDoc)
orcid.org/0000-0002-6469-1627

Dr. Harald Kusch
(PostDoc)
orcid.org/0000-0002-9895-2469

Bartlomiej Marzec
(B.Sc. Inf)
orcid.org/0000-0002-9640-8881

Georg Aschenbrandt
Luca Freckmann
Christian Henke
Roman Paul
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