

Implementing FAIR data practices and tools at Babeş-Bolyai University in Cluj-Napoca

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TRADITIO ET EXCELLENTIA





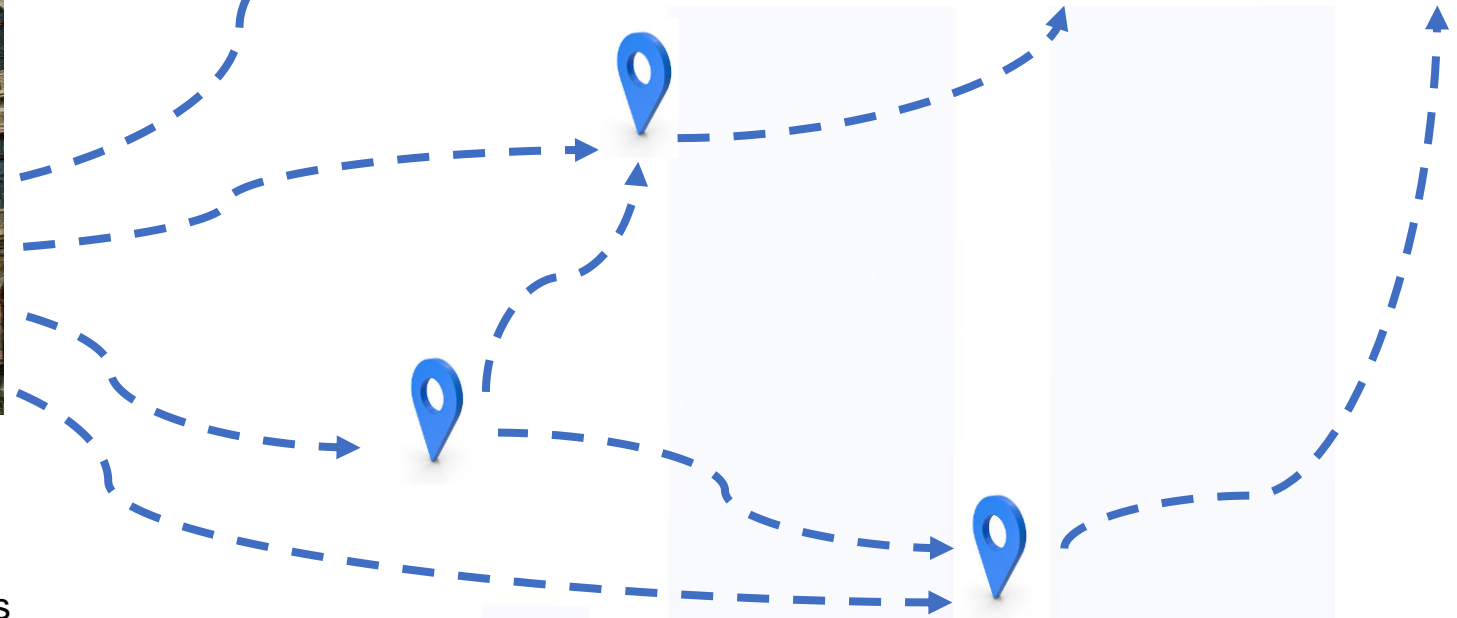
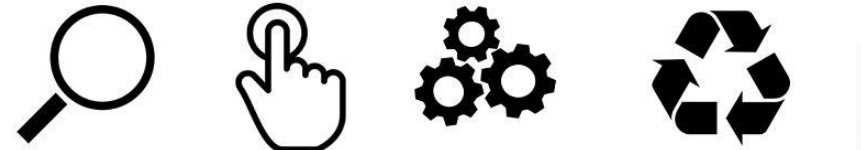
Facts & Aims



Babeş-Bolyai University in Cluj-Napoca

- ca. 46.000 students
- ca. 1600 teachers and researchers
- 1800+ datasets in international repositories
(source: Elsevier Data Monitor Tool)

F_{indable} A_{ccessible} I_{nteroperable} R_{eusable}

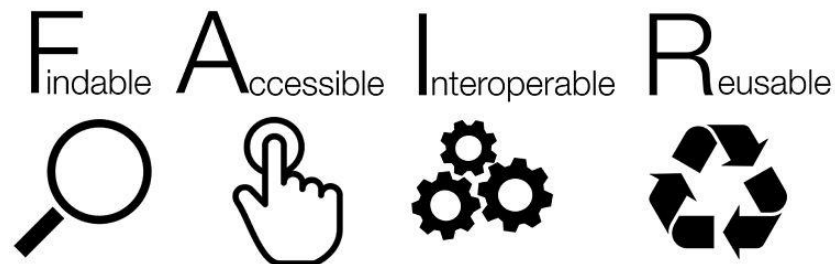


Presentation structure



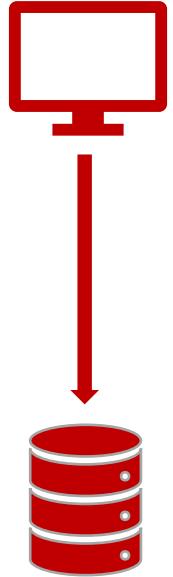
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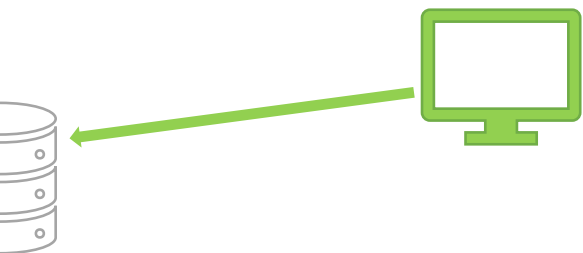
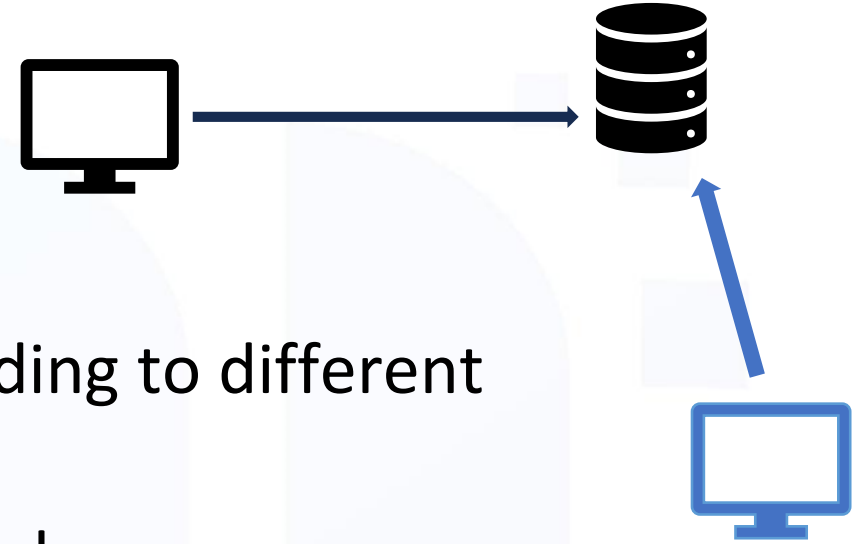
1. Challenges
2. Approach
3. Solutions under implementation
4. Envisioned developments
5. Conclusions

Challenges



1. Challenges

- Large number of datasets generated according to different methodologies
- Lack of a comprehensive institutional record
- Variety of hosting environments, from international repositories to in-house built databases



Challenges

SCAM BB Models database

Scanned Objects

308 - PAINTED 311 - PAINTED 317 - PEARS 334 - SLEDGE 339 - POT 353 - POT 362 - AXE 405 - CERAMIC 352 - KRATER 4 - BOWL 6 - FIBRED

ROMANS ONE BY ONE

HOME TEAM ABOUT PEOPLE ADVANCED SEARCH REFERENCES COLLABORATIONS

Romans One by One

Welcome to Romaneby1

Notes & Feedback

English German

Digital Framework for the History of the Austrian Military Border in Transylvania

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Citation model: copy the person's unique ID

Historical Population Database of Transylvania
We build the first historical database of Transylvania's population

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Search Database

Firstname: Lastname: Present-day Location: Year:

Start Year: End Year:

Search

Births

Firstname	Lastname	Mother Firstname	Mother Lastname	Father Firstname	Father Lastname	Baptism Place	Birth Place	Present-day Location
Show Evtimie	Kifor	Teodora	Neteaş	Mărăşin	Kifor	Feldioara	Războieni Cetate	
Show Grigorie	Spălnăcean			Ioan	Spălnăcean	Feldioara	Feldioara	Războieni Cetate

zenodo Babes-Bolyai

72 result(s) found

Versions: May 8, 2024 (v1) Dataset Open

UBB_Quantitative data_Biocultural Tourism

HARVARD Dataserve 73,042,976 Downloads

Babes-Bolyai

1 to 10 of 55 Results

National Romanian Election Studies (Babes-Bolyai University)

Characterization and Detection of epsilon-Berge-Zhukovskii Equilibria

Mendeley Data

Babes-Bolyai

Filter Results: 660 results

PUBLISHED DATE: 1970 to 2024

DATA TYPES: Dataset (660), Image (573), Collection (64), Other (34), Text (12), Video (11), Tabular Data (6), Document (5), Software/Code (5), Slides (4), Event (3), Physical Object (2), Audio (1), File Set (1)

Under Normoxia Simvastatin Shifts Lipid Metabolism of B16.F10 Melanoma Cells to Support Their Aggressiveness

Negrea, Giorgiana, Balacescu, Loredana, Sesarman, Alina, Banciu, Manuela

Supplementary data to paper: "Under Normoxia Simvastatin Shifts Lipid Metabolism of B16.F10 Melanoma Cells to Support Their Aggressiveness" by Negrea et al., Biochemical Pharmacology, 2024. These data represents: 1) the Supplementary Table corresponding to all the mRNA identified by RNA-seq in B16.F10 melanoma cells treated with lipophilic statin simvastatin (SIM), compared to the untreated cells. Our data revealed a panel of 1513 out of 15905 transcripts with at least 1.5 FR in expression after SIM treatment, with 817 transcripts upregulated, and 696 downregulated compared to the control group; 2) Figure 1. Validation of primer specificity by agarose electrophoresis of PCR products and 3) Figure 2. Relative expression of genes...

Oxidative state is associated with migration distance, but not traits linked to flight energetics

Pap, Péter László, Vincze, Orsolya, Vágási, Csongor

Modelling the cortex and hypothesis for the "head" of the Suppiliumaella schlagintweitii n.s.p.

Barattolo, Filippo, Bucur, Ioan, Tibuleac, Paul, Girardi, Giorgio

Challenges

Listing Birth records

Excel download

Source code:

Created between: Day Month Year

Child denomination code:

Midwife code:

Search

Number of records: 71233
 Number of records by person: 50
 Number of recorded individuals per page: 2077
 Total number of recorded individuals: 297610

ID	First name	Last name	Nickname	Mother first name	Mother last name	Father first name	Father last name	Baptism Date	Place of baptism	Source Observations	Comments	No. of recorded individuals	Source	Source place	Source page	Entry author	Modified by
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Show Edit Destroy 11	Elena	Nemeaş		Melintina??	Nemeaş	Gheorghie	Nemeaş	17/6/1814	Feldioara	no	no	5	010006	Războieni-Cetate	1	daniela_marza@yahoo.com	viadutpopovici
Show Edit Destroy 13	Maria			Leontina	Crişan	Galacteon	Negrea	20/7/1908	Feldióra-Săcuiască	yes	no	4	010002	Războieni-Cetate	1v-2r	theodoraguta@gmail.com	dianacovaci@
Show Edit Destroy 14	Borbăra	Koncz		Susánna	Czako	Josef	Koncz	21/2/1863	Sz. Földvár	no	no	5	010004	Războieni-Cetate	2	martontunde2005@gmail.com	martontunde2
Show Edit Destroy 15	Eszter			Rákkel	Nagy	Miklos	Szél	6/1/1859		no	no	5	070006	Căláraşi	1v-2r	h.nicoleta@yahoo.com	viadutpopovici
Show Edit Destroy 16	Georgina			Teodosia	Maier	Vasilie	Demian	27/7/1908	Feldióra-Săcuiască	yes	no	4	010002	Războieni-Cetate	1v-2r	theodoraguta@gmail.com	dianacovaci@
Show Edit Destroy 17	Emilia			Elena	Maier	Ioan	Şerban	3/8/1908	Feldióra-Săcuiască	yes	no	4	010002	Războieni-Cetate	1v-2r	theodoraguta@gmail.com	dianacovaci@
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Show Edit Destroy 24	Anna			-1		Kifor	Muresan	5/5/1852		no	no	2	070007	Căláraşi	1v-2r	olteantana@yahoo.com	olteantana@yi
Show Edit Destroy 25	Maria			Teodora	Nemeaş	Partenie	Jurgiu	16/8/1908	Feldióra-Săcuiască	yes	no	4	010002	Războieni-Cetate	1v-2r	theodoraguta@gmail.com	dianacovaci@

Hpdt

https://researchportal.hpdt.ro/tbirths

Home Manual

Signed in successfully.

Listing Birth records

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Number of records: 71233
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New Birth record

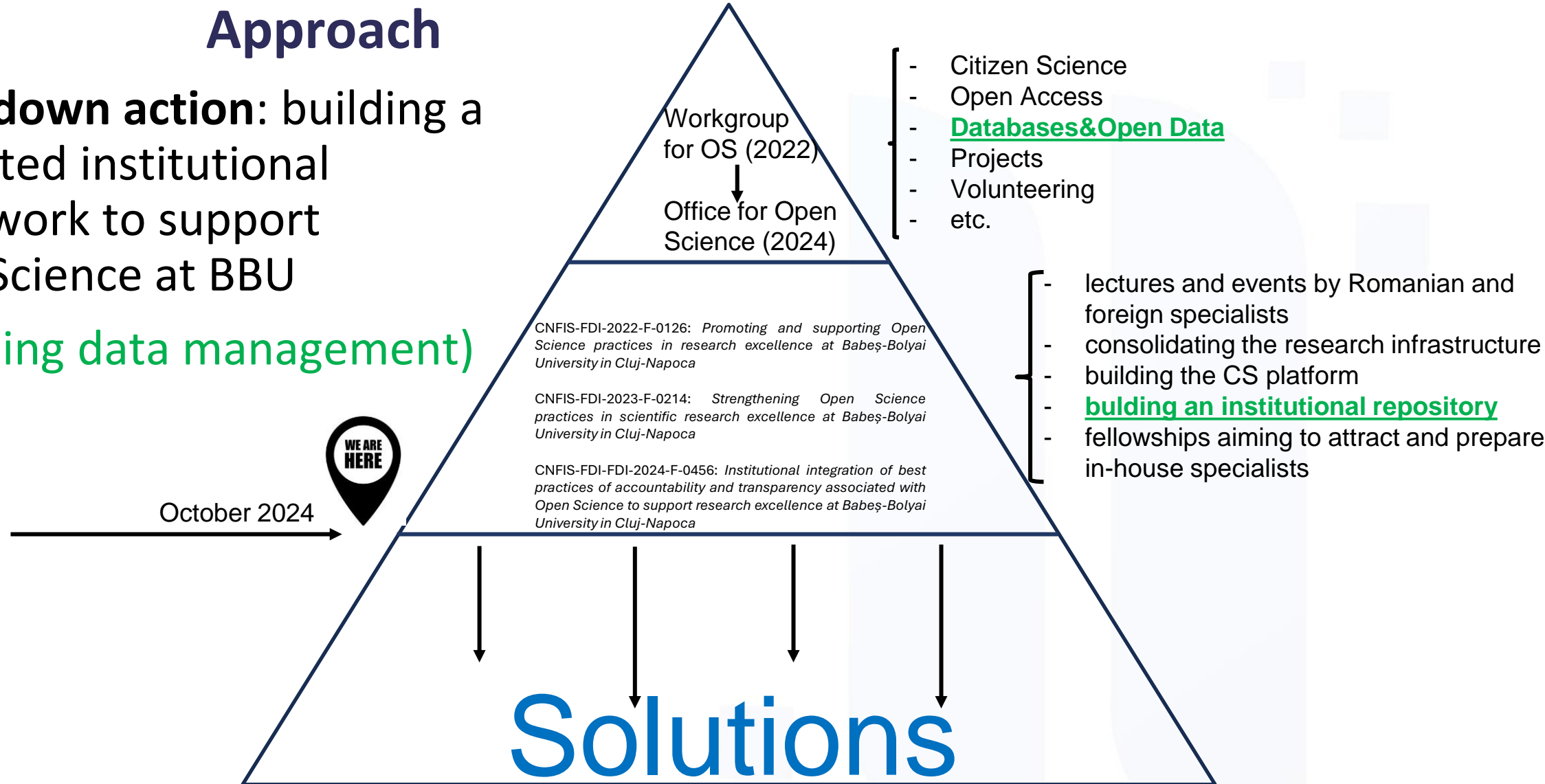
Challenges

- early-stage institutional framework for Open Science (including scientific data management)
- lack of an institutional repository 
- no unitary institutional guidelines and teaching strategy for promoting Open Science and FAIR principles at grassroots level (students and researchers)



Approach

Top – down action: building a dedicated institutional framework to support Open Science at BBU
(including data management)



Approach



Propuneri cetățeni



Această secțiune se adresează celor care vor să transforme idei legate de comunitate, mediu sau alte domenii de cercetare în proiecte reale. Procesul este deschis și inclusiv, permițând oricărui membru al comunității să contribuie cu idei ce pot deveni proiecte de cercetare sub îndrumarea cercetătorilor de la UBB.

Cum funcționează?

Încarcă propunerea ta pe platformă. Cercetătorii noștri vor valida informațiile, iar dacă nu conține limbaj neadecvat, cererea va fi aprobată și afișată în secțiunea "Propuneri cetățeni". Aici, propunerea ta va putea fi votată de alți membri ai comunității. Tu, la rândul tău, o poți distribui prietenilor, familiei sau pe rețelele de socializare. Cele mai votate propuneri vor fi analizate de cercetători și, dacă sunt potrivite, vor fi transformate în proiecte de cercetare, pentru care se vor căuta voluntari sau chiar finanțare.

Implică-te și devino parte din prima inițiativă de știință cu cetățenii din România!

<https://citizenscience.openscience.ubbcluj.ro/home>

Solutions under implementation

1. Implementation of an institutional data repository connected to the international repositories (compliance to OpenAIRE as the first milestone)



2. Comprehensive inventory of datasets and databases



3. Promoting FAIR principles in the BBU community



4. Following the model of Studia UBB series



Solutions - models

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STUDIA CHEMIA Issue no. 3 / 2024

Content:

1. INVESTIGATION OF THE CATALYTIC ACTIVITY OF HYBRID DECAVANADATE MATERIALS.
2. STUDY OF KAZAKHSTAN'S SHUNGITE AS ELECTROCATALYST SUBSTRATE IN HYDROGEN EVOLUTION REACTION IN ACIDIC MEDIA.
3. NEUROTROPIC EFFECTS OF IRIDOID GLYCOSIDES FROM *LAMUM ALBUM* L. AS NATURAL GLP1-R MODULATORS IN REPEATED RESTRAINT STRESS.
4. CORRELATIONS BETWEEN OXIDATIVE STRESS MARKERS AND CORONARY ANATOMY IN PERCUTANEOUSLY TREATED PATIENTS WITH ACUTE ST-ELEVATION MYOCARDIAL INFARCTION.
5. AN EXPLORATION OF HUMAN FD-CRYSTALLIN AFFINITY FOR POTENTIAL AGGREGATION INHIBITORS: A MOLECULAR DOCKING INVESTIGATION.
6. ESSENTIAL OIL FROM *KNEMA ELEGANS* WARB.: CHEMICAL COMPOSITION, ANTIOXIDANT AND ANTI-ACETYLCHOLINESTERASE ACTIVITIES.

(see all issue's content...)

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Studia Universitatis Babeș-Bolyai

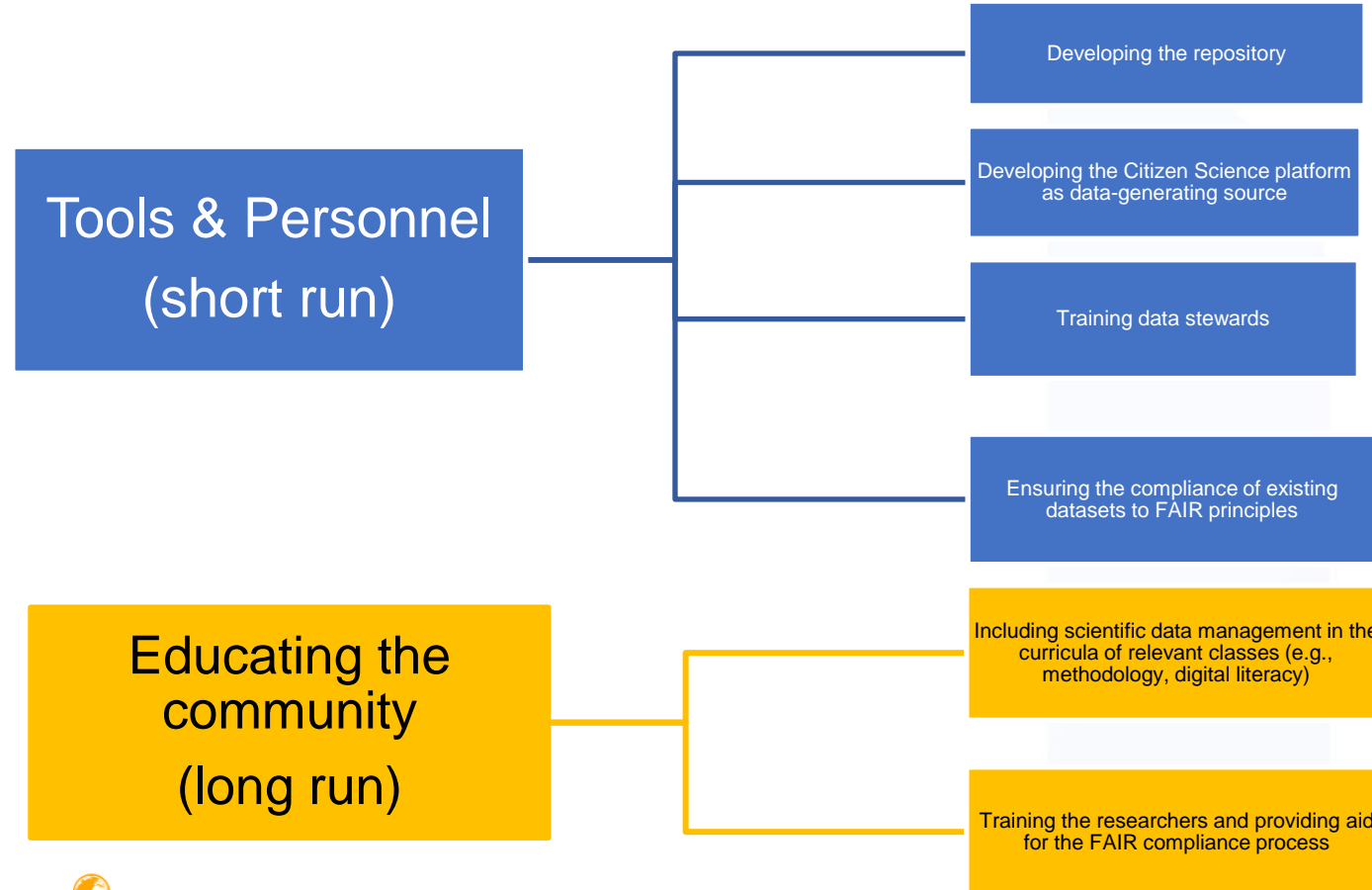
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- Chemia (I) 2024
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- Chemia (III) 2023
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- Chemia (I) 2023
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Envisioned developments



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