



University
of Basel

UNiverse – The New Research Portal of the University of Basel

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Challenges

At the University of Basel, we take pride in our exceptional researchers who continually push the boundaries of the unknown and are eager to share their accomplishments with the scientific community and the general public.

However, our dedicated researchers often find themselves burdened with various reporting obligations to different stakeholders, leaving them with less time for their primary research activities. Moreover, in certain cases, the unique outputs subject-specific research are not adequately represented in current standardized systems, which can lead to a distorted perception of overall research contributions.

Recognizing these challenges, we have identified several areas where our current system can be improved to liberate time for more essential tasks and to better showcase our diverse research landscape.

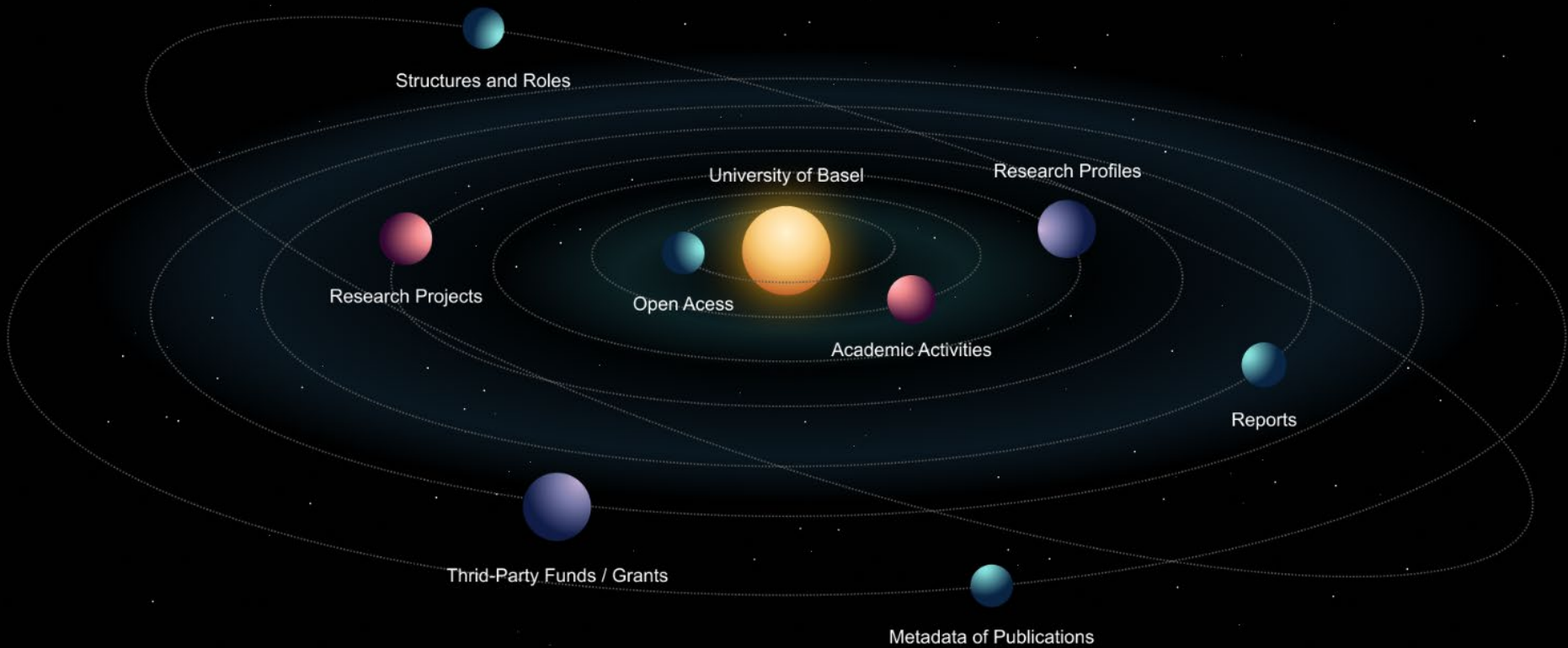
As a result, we have developed UNlverse, a research portal that introduces enhancements such as automated metadata import or improved department- and faculty-specific collections of research output ensuring that the distinctive contributions of each area of research are accurately represented and appreciated.

Main Goal

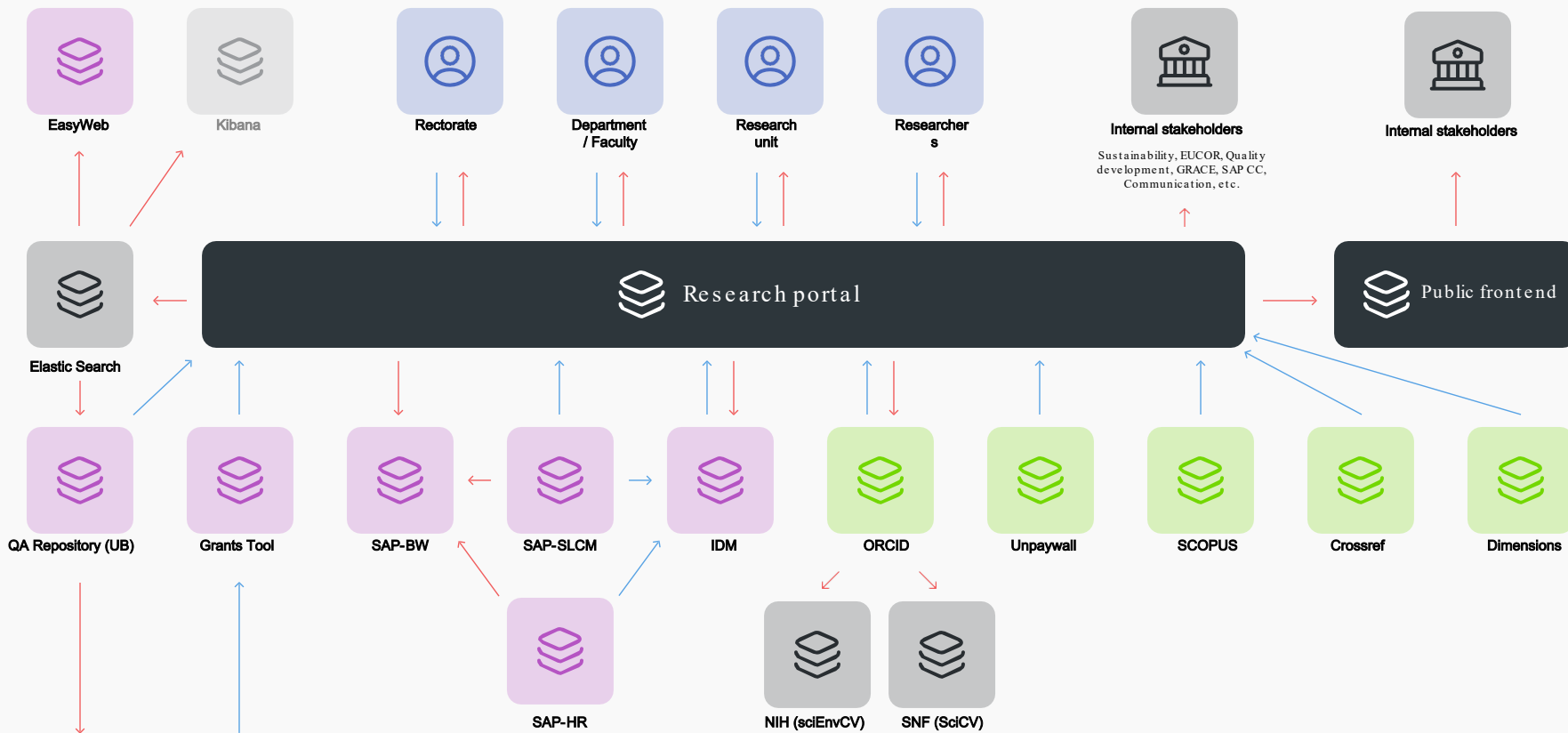
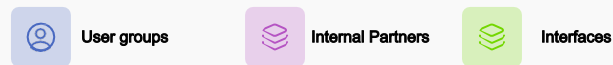
The main objective is to establish an integrated platform that enhances the experience in research information management and the use of it for various stakeholders ranging from the researcher themselves to the public and press. To achieve this we strived to **automate** and simplify tasks such as metadata import for publications and adapted the application to **faculty and department specific needs** taking into account the **divers research practices and outputs**.

Improving the Open Access **document workflow** for depositing documents in our repository and **improving the visibility** towards the public through the UNIverse Public Portal are additional features with an added value. Furthermore the reuse of information for various different purposes is our guiding principle.

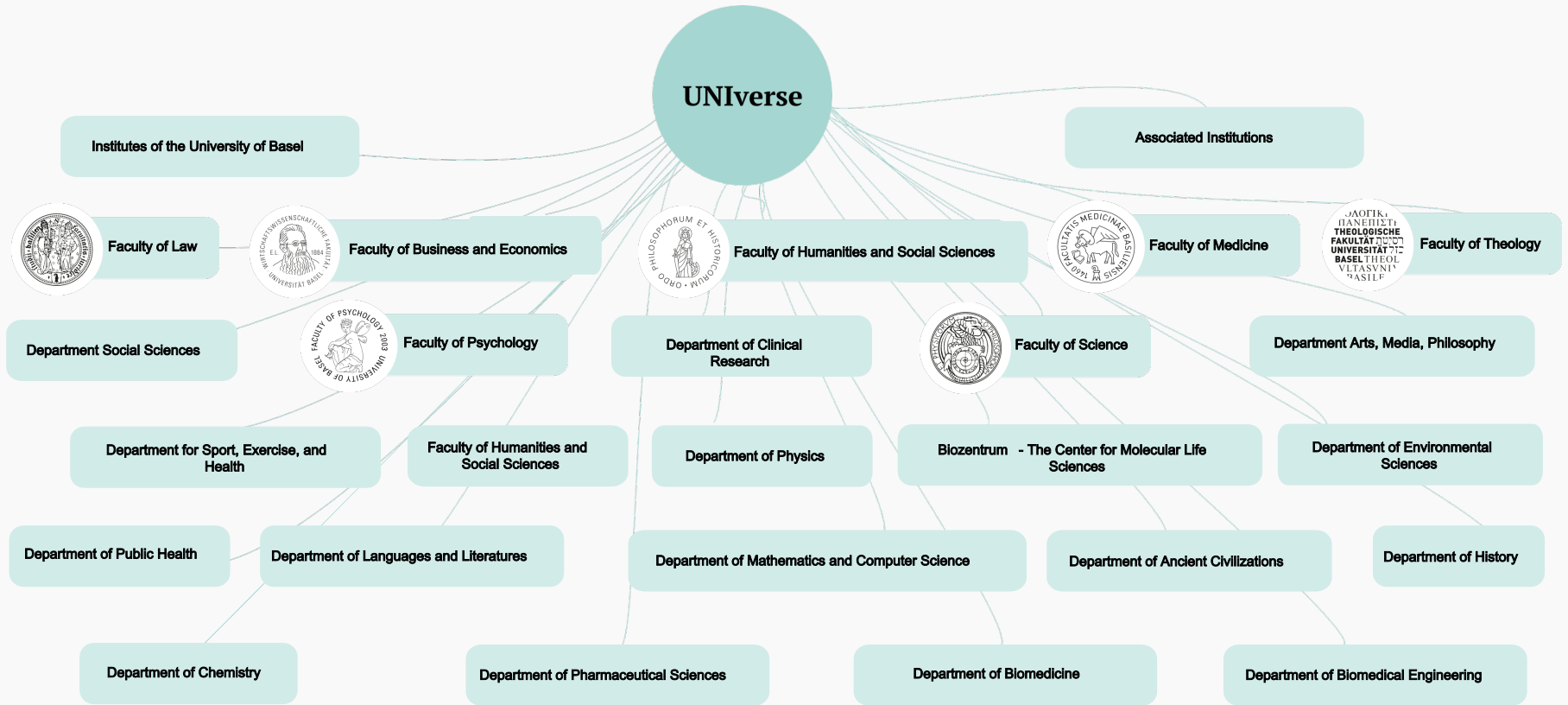
The UNiverse in one platform



Network



Our Vision: One Platform for All



Main Benefits

Visibility over University
Research Activities

Academic Research
Activity Management

Reporting
Automation

Smooth Metadata
Import

Unified Research Information
Management

Secure and Confidential

Scalable and Adaptable
Application

Ticketing
System

User Groups

For Researchers

- Faculty and Department Specific Publication Module
- Synchronized ORCID Record
- Improved Metadata Import from Scopus
- Improved OA Document Workflow
- Personalized Visibility Settings

For Heads of Departments, Faculties & Decision Makers

- Managing Structures and Roles
- Overview of Group Members
- Improved Reporting and Data Extraction Possibilities
- Reuse of Data for Reporting Towards Cantonal Sponsors of the University of Basel

For Public & Press

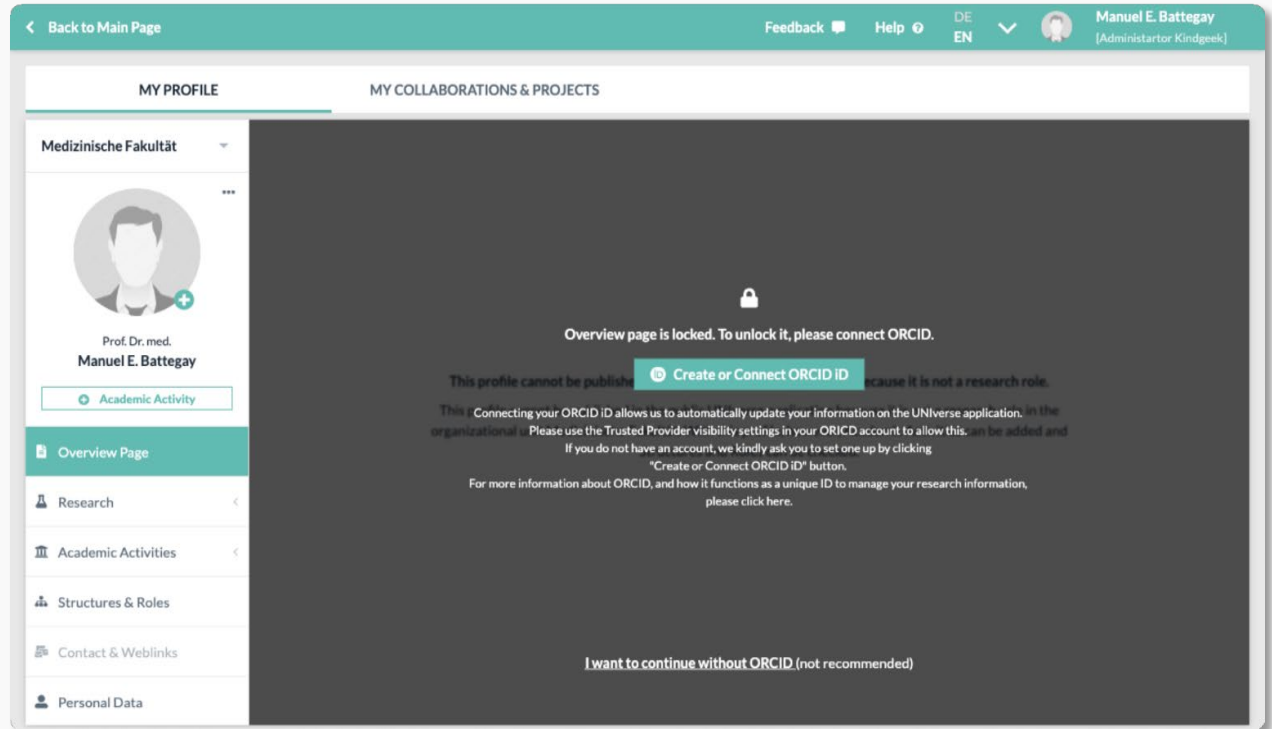
- Browse and Search all Scientific Publications and Research Projects
- Overview of Organizational Units and their Research Area

Key Benefits

Integration of ORCID Records

Connected ORCID records to the UNiverse application allow for automated metadata import without any manual intervention.

- One-time ORCID record connection to UNiverse
- Automated metadata import from your ORCID record
- No manual intervention needed



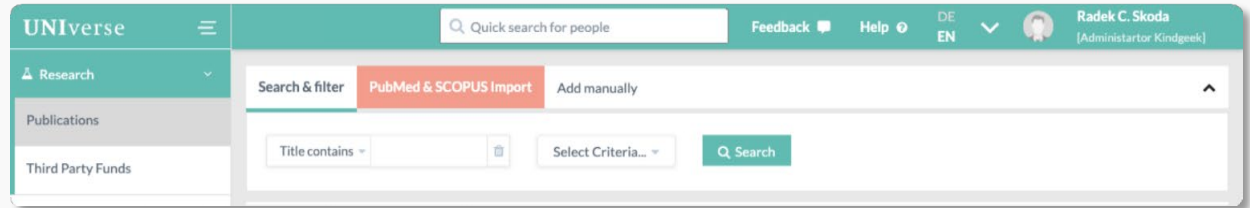
The screenshot shows the 'MY PROFILE' page in the UNiverse application. The user is Prof. Dr. med. Manuel E. Battegay, affiliated with the Medizinische Fakultät. The page is divided into two main sections: 'MY PROFILE' on the left and 'MY COLLABORATIONS & PROJECTS' on the right. The 'MY PROFILE' section includes a profile picture placeholder with a plus sign, the user's name and title, and a button for 'Academic Activity'. Below this is a navigation menu with options: Overview Page (highlighted), Research, Academic Activities, Structures & Roles, Contact & Weblinks, and Personal Data. The 'MY COLLABORATIONS & PROJECTS' section is currently locked, indicated by a padlock icon and the text: 'Overview page is locked. To unlock it, please connect ORCID.' Below this, a message states: 'This profile cannot be published because it is not a research role. This is because connecting your ORCID ID allows us to automatically update your information on the UNiverse application, including organizational information. Please use the Trusted Provider visibility settings in your ORCID account to allow this information to be added and if you do not have an account, we kindly ask you to set one up by clicking "Create or Connect ORCID ID" button. For more information about ORCID, and how it functions as a unique ID to manage your research information, please click here.' A button labeled 'Create or Connect ORCID ID' is visible. At the bottom of the locked area, there is a link: 'I want to continue without ORCID (not recommended)'.

Enhanced Scopus Integration



Easy metadata import from Scopus through an integrated search function. Claiming publications with just one additional click.

- Integrated search function
- Time-saving 1-click data take over



Faculty and Department Specific Publications Module

The publications module has been adapted to every faculty/department and allows for manual recording of metadata for 64 different publication types ranging from anthologies and software to legal reports. A specific quick selection keeps it user-friendly.

- Supports 64 different publication types
- Enables to choose from 2,500 citation styles

Faculty and department-specific adaptations

The image displays two overlapping screenshots of web-based publication management systems. The top screenshot shows the 'ME@ME' interface, which includes a search bar, a sidebar with navigation options like 'Profil & Aktivitäten', 'Forschung', 'Publikationen', 'Drittmittel', 'Berichte', and 'Strukturen', and a main content area for searching and filtering publications. The bottom screenshot shows the 'UNiVerse' interface, which features a similar search and filter section, a list of publications, and a detailed view of a specific publication. This view includes a table of metrics and classification information.

Scopus Publication Metrics		Crossref Publication Metrics	
Scopus Citation Count	N/A	Crossref Citation Count	N/A
Scopus Journal Metrics		Open Access Info	
CiteScore	N/A	is_oa	N/A
CiteScore Percentile	N/A	OA Status	N/A
Source Normalized Impact per Paper (SNIP)	N/A	OA License	N/A
SCImago Journal Rank (SJR)	N/A		
UNiVerse Publication Classification			
Academic Activity Category	F.1.1		
Publication Type	Journal Article		

Publication Sources

Automated

Claim

Assistant
(Individually)

ORCID

SCOPUS

Manually

CrossRef

RIS

Open Access Documents Workflows

The application features an automated Open Access document retrieval for gold OA publications or the upload of manuscripts and additional information for the OA support team. They will help with managing embargoes and different versions of the manuscript, making it easy to comply with OA regulations. A built-in commenting tool and improved document workflow in the back end facilitate communication between users and the OA support team, increasing the productivity.

- Automatic upload of gold OA publications
- Improved multi-document upload for increased productivity
- Seamlessly integrated support for self-archiving

Edit Publication

01 Import 02 Publication Type 03 Category 04 Attribute 05 Documents 06 Notes

Documents ⓘ Please upload your current **Accepted Author Manuscript (AAM)** along with the **Published Version**. The repository team of the University will check depositing and publication conditions and inform you accordingly. The documents and additional information will be securely stored and handled according to the respective copyright restrictions.

Step 5

Open Access funding by

OA Fund University of Basel

I agree to [edoc Deposit License](#)

Document ⓘ

OA-Documnt_2020303-0-1056.pdf 🗑️

Document Version*

Submitted Version

Upload Document

File Formats: PDF

Additional Document (optional) ⓘ

Upload Additional Document

File Formats: PDF, DOC, XLS, TXT

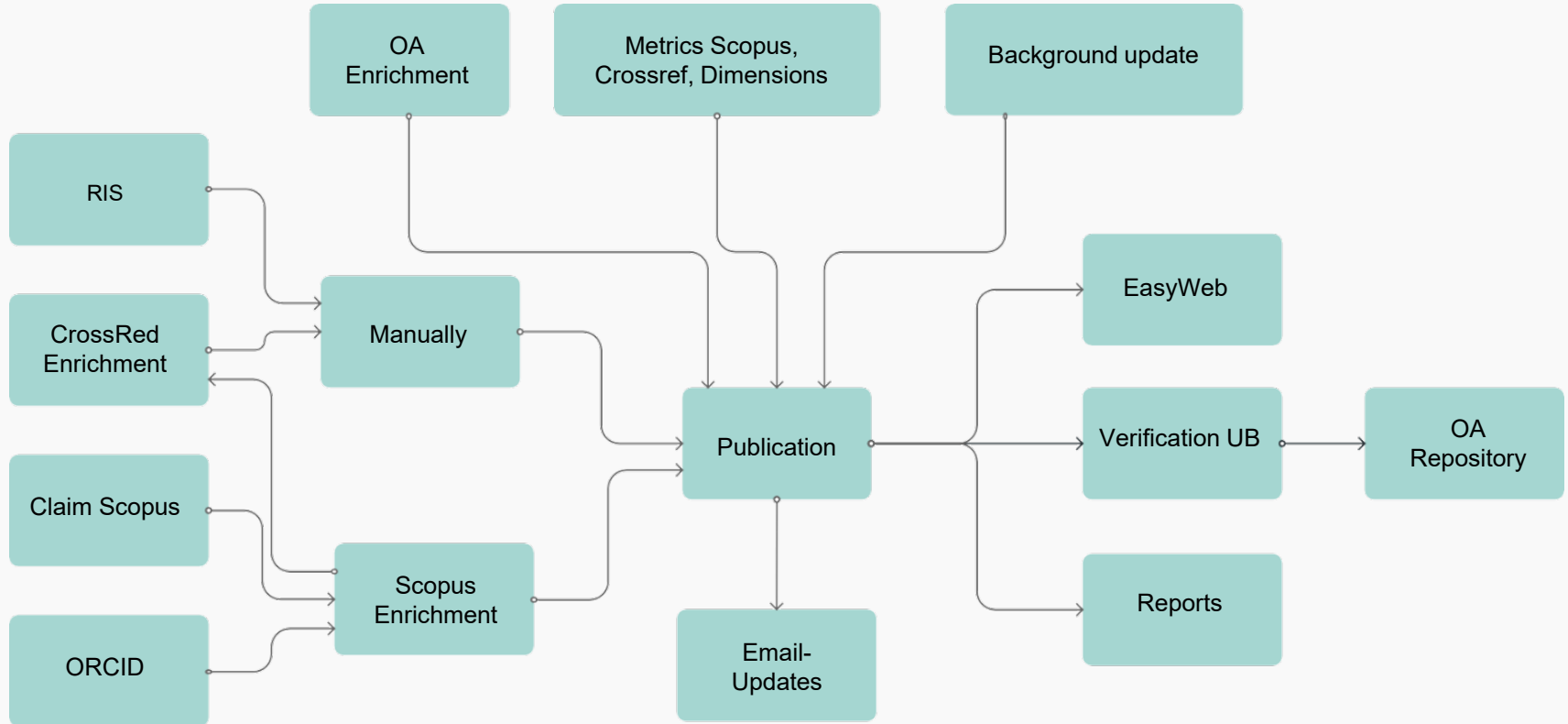
Publishing Contract (optional) ⓘ

Upload Publishing Contract

File Formats: PDF

< PREVIOUS NEXT >

Integrated Workflows: Example Publication



Academic Activities

The University of Basel recognizes that research output encompasses more than just scientific publications and research projects. We acknowledge the value of all aspects of research work, including academic self-administration, reputation building, networking, and teaching. The platform enables to record and track information in these areas, providing a comprehensive representation of many research contributions and achievements.

- Expanded Academic Activities
- Preset of Academic Activities List for each faculty for efficient input

Add Academic Activity

Search/filter list of Academic Activities

All Activities

- > L.1 - L.4 - Activities in Pregraduate Teaching
- ▼ N.1 - N.7 - Activities in Postgraduate Teaching
 - > N.1 Completed Academic Degrees
 - > N.2 Doctorate
 - ▼ N.3 Individual Supervision
 - N.3.1 1:1 PhD Supervision
 - N.3.2 1:1 MD-PhD Supervision
 - N.3.3 1:1 Master Supervision
 - N.3.4 1:1 Dissertation Supervision
 - N.3.5 1:1 Habilitation Supervision
 - N.3.6 1:1 Habilitation Mentoring

F.1 and F.6 are the Core Activities. Members of Groupings I and II are required to record them.

These activities are either recorded centrally or derived from the system. As a result, they are considered as verified.

CANCEL NEXT >

Third-Party Funds and Research Projects

From the grants tool, researchers can easily import key data from third-party funds and efficiently manage their research projects. By adding detailed descriptions, pictures, team members, network connections, and more, researchers can create attractive project pages within minutes. These pages are showcased in a visually appealing design on the UNiverse Public Portal. Whether funded by external grants or own resources, these project pages serve multiple purposes. Researchers can utilize them for reporting purposes and to share their work with the public.

- Import key data from grants tool
- Create new research projects pages fast
- Interconnect research projects

The screenshot displays a grants management interface. At the top, there is a 'Search & filter' section with dropdown menus for 'Status is' (set to SUBMITTED) and 'Source of funding is' (set to SNSF Eccellen...), along with a 'Select Criteria...' button and a 'QSearch' button. Below this, there are tabs for 'To be accepted (59)' and 'Results (59)'. The main area is a table with columns for 'Sort by' (set to Project end date), 'Status', 'Grant Distribution', and 'Class'. The table lists several projects, with the second one highlighted. To the right of the table, there is a detailed view for the selected project, 'Genetic analysis of m...', showing 'PROJECT DETAILS' such as Title, Class (F.6.1 SNF), Project ID (310030_185297/1), URL, and Status (ACCEPTED). Below this, the 'SOURCE OF FUNDING' section shows the Agency Name as 'SNF Schweizerischer...'.

Sort by: Project end date	Status	Grant Distribution	Class	Genetic analysis of m...
<i>Patient specific signalling dynamics in myeloproliferative neoplasms as pre...</i> Impulsinvestition für die Ausweitung der Kooperation zwischen dem ... PI: Skoda, Radek C. (191'500 CHF).	SUBMITTE...	DBM 191'500	F.X.X	
<i>Genetic analysis of myeloproliferative neoplasms</i> SNF Schweizerischer Nationalfonds, 846'720 (846'720) 06.2019-05.... PI: Skoda, Radek C. (846'720 CHF).	SUBMITT...	DBM 846'720	F.6.1	PROJECT DETAILS Title: Genetic analysis of my... Class: F.6.1 SNF Project ID: 310030_185297/1 URL: SUBMITTED / ACCEPTED Status: SUBMITTED
<i>Targeting metabolic alterations and extra-medullary haematopoiesis to tre...</i> Oncosuisse / Krebsliga Schweiz / Stiftung Krebsforschung Schweiz, 3... PI: Skoda, Radek C. (374'250 CHF).	SUBMITTE...	DBM 374'250	F.6.4	SOURCE OF FUNDING Agency Name: SNF Schweizerischer ...
<i>Assessing the role of GDF15 in the pathogenesis of myeloproliferative neop...</i> Krebsliga beider Basel (KLBB), 40'000 (40'000) 06.2018-10.2019 (17) PI: Skoda, Radek C. (40'000 CHF).	SUBMITTE...	DBM 40'000	F.7.1	
<i>Genetic analysis of myeloproliferative neoplasms</i> SNF Schweizerischer Nationalfonds, 756'000 (756'000) 06.2016-05.2... PI: Skoda, Radek C. (756'000 CHF).	SUBMITTE...	DBM 756'000	F.6.1	

Reports

The application allows users to generate reports based on the data and information within the platform for various purposes, including Scientific Advisory Board meetings and promotions. Users can create Personal Reports, Research Group Reports, and Faculty Reports, selecting the desired reporting period with a single click. These reports are presented in a visually appealing format, utilizing charts and tables to represent the data effectively.

- Personal Reports, Reports from Research Groups, Reports from Faculties
- Choose the period and create with little effort
- Represented with charts and tables

The screenshot displays the UNiVerse application interface. The top navigation bar includes the UNiVerse logo, a user count of 118n, a search bar for people, and links for Feedback, Help, and user settings (DE, EN). The user is identified as Administrator Kindgeek. The left sidebar contains a menu with categories: Profile & Activities, Research, Efforts Validation, Import/Export, Reports (expanded), Faculty Report, Research Group Report, Personal Report (selected), Efforts (in Excel format), Structures, Teaching, Doctoral Studies, User Management, and Activity Management. The main content area is titled 'Personal Report' and features a 'Generate Report' button. Below this, there are input fields for a report ID (32236), a name (Manuel Battegay), and an institution (University), along with date range selectors. A warning message states: 'Please be advised that efforts added today will be displayed in the report starting from the next day only.' The report content is organized into sections: Publications, Third Party Funds, Pregraduate Teaching, Postgraduate Teaching, Doctorial Education, and Academic Management. Each section includes a brief description and links for 'Show Core Efforts', 'Show 5-years table', 'Show Details List', and 'Show Complete Efforts'.

Structures and Roles

Keeping an overview of the various roles held by employees who work across multiple departments and diverse research groups can be challenging. However, with a dedicated module designed specifically for this purpose, the full overview can be achieved.

- Administrate the roles
- Get a transparent overview about different structures and roles
- Manage the roles of members of your research group

The screenshot displays a software interface for managing organizational structures and roles. The interface is divided into three main panels. The left panel is a navigation menu with 'Profile & Activities' at the top, followed by 'Research', 'Efforts Validation', 'Import/Export', 'Reports', and 'Structures'. The 'Structures' menu is expanded, showing a list of departments: 'Associated Institutions', 'Cross-disciplinary Subjects', 'Fakultät für Psychologie' (highlighted), 'Juristische Fakultät', 'Medizinische Fakultät', 'Medizinische Fakultät (befor...', 'Philosophisch-Historische Fa...', 'Philosophisch-Naturwissens...', 'Rektorat und Verwaltung', and 'Theologische Fakultät'. The middle panel is titled 'Fakultät für Psychologie' and 'Forschung'. It contains a 'New Structure Object' button and a list of objects, including 'Fakultät für Psychologie R.Mata' and 'IDM'. The right panel is titled 'Departement Psychologie J.Gaab' and also contains a 'New Structure Object' button and a list of objects. The top right corner of the interface shows 'Now active'.

UNiverse Public Portal (Coming in 2024)

UNIverse Public Portal (Coming in 2024)

Personalised Public Profiles

Personalized Public Profiles elevate your research presence with personalized public profiles on the UNIverse Public Portal. Craft profiles that highlight your research expertise, interests, and diverse outputs, fostering greater visibility for the public and press. Showcase the breadth and depth of your research contributions, enabling easy discovery and engagement.

- Optional personalized profile on UNIverse Public Portal
- User-centered visibility settings
- Central hub for your other academic and social accounts such as Google Scholar, ACADEMIA, Loop, Publons, LinkedIn, Twitter etc.

The screenshot displays the UNIverse Public Portal interface. At the top, there is a navigation bar with 'English', 'Search', and a magnifying glass icon. Below this is the University of Basel logo and name. The main navigation menu includes 'Organizational Units', 'People', and 'Projects & Collaborations'. The current page is 'Projects & Collaborations > Miracle Project'. The project details section shows the project name, category, and dates. Below this is a list of members: Ivan Martin (Project Manager), Martha Müller (Project Assistant), Robert Luck (Project Assistant), and John Do. To the right, there is a user profile for Prof. Dr. Ivan Martin, Head of DBM, with a 'View as limited user' option. The bottom section shows 'Overview' and 'My Headline text'.

Useful Links

Please find below some useful links related to the research portal:

Website for fast overview: <https://universe-portal.com>

User Guide: <https://universe.help>

Support Email: universe@unibas.ch

Support Telephone: +41 61 207 19 11



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Thank you for your attention