Open Science Services for Researchers
Case: Tampere University

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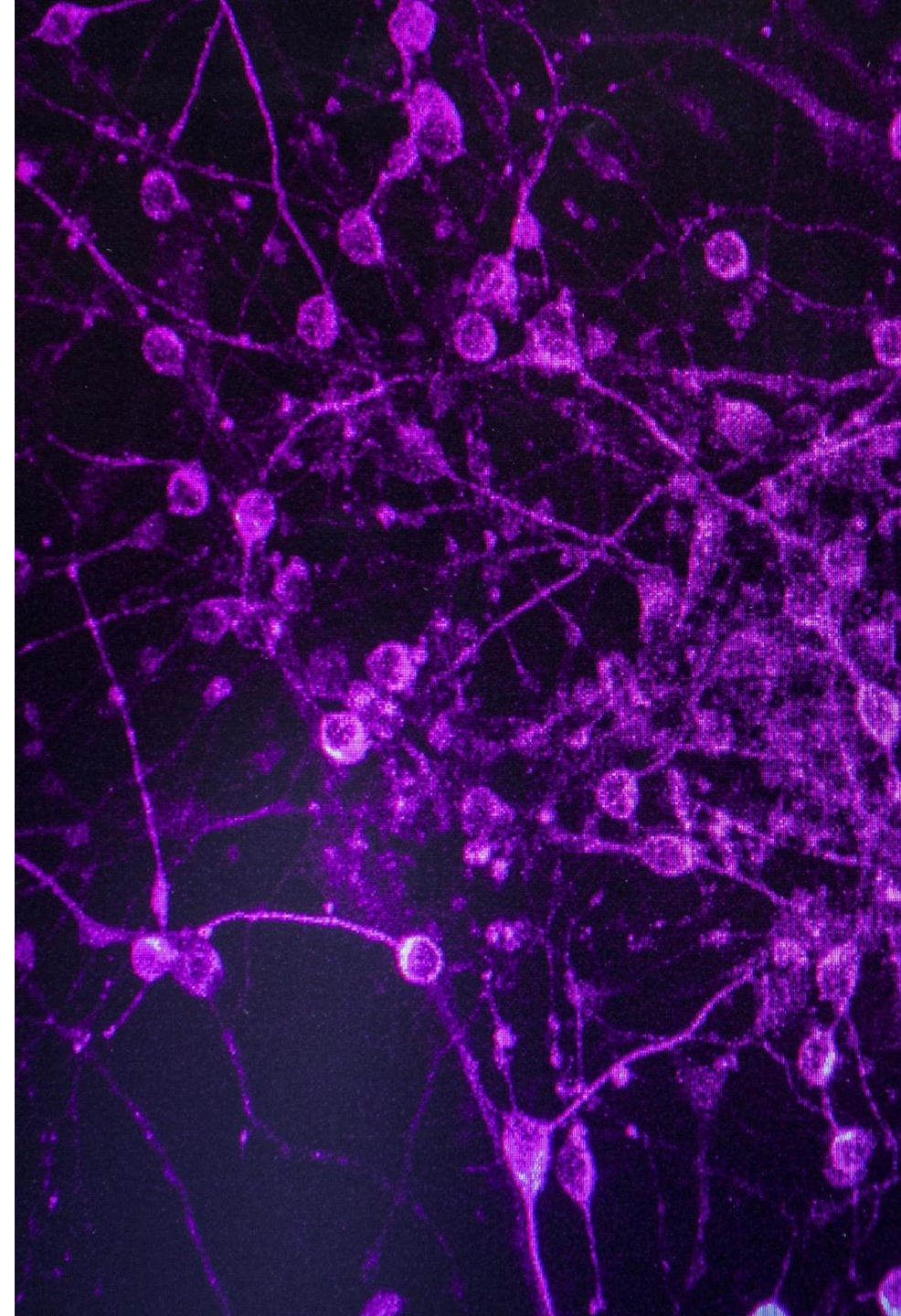**paivi.kanerva@tuni.fi**

Today

- Tampere University's open science policy
- Library services, guidance and trainings for open science:
  - Open research culture
  - Open access publishing
  - Research data management
  - Researcher's visibility and impact

Tampere University
Tampere University of Applied Sciences

OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION

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Research in Tampere University

- Over 2800 researchers

- Multidisciplinary university
  - Seven faculties: Faculty of Built Environment (BEN), Education and Culture (EDU), Engineering and Natural Sciences (ENS), Information Technology and Communication Sciences (ITC), Management and Business (MAB), Medicine and Health Technology (MET), Social Sciences (SOC)
  - Strenght areas: health, technology and society
  - More than 100 research infrastructures Such as The Finnish Social Science Data Archive (FSD)
  - Four Centres of Excellence coordinated by Tampere University, plenty of researchers granted with funding from th European Research Council (ERC) and one flagship coordinated by Tampere University

OPEN SCIENCE

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Open Science Policy

- Tampere University is committed to key national and international Open Science policies

- Tampere University Open Science Policy covers operational culture, research, and - as a new area - open education. Open science also plays a key role in the responsible assessment of research.

- Open Science Policy: Tampere University is a responsible and open societal influencer and partner https://urn.fi/URN:NBN:fi:tuni-202402062145

- The principles of the policy will be put into practice through an action plan, which is currently being prepared.

- Library has a key role in implementing the policy into the action

Open Research Culture 1/2

Policy:" Open research culture helps to improve the quality of research and science and enhance the well-being of society at large." *AND "TAU ensures that our research information system is up to date and actively participates in the development of the national Research.fi service."*

Services:

- Library provides support on self archiving and how to update TUNICRIS-profile
- TUNICS – research information system (publication information, self-archived publications, metadata, academic activities)
- Trepo - Open institutional repository (for self-archived publications) at Tampere University
- Research.fi - **National service**. Collects and distributes information on research conducted in Finland.

Guidance:

- Guide: TUNICRIS - Guides at Tampere University Library
- Contact address: cris.tau@tuni.fi

Trainings: Responsible and open science trainings (Self-archiving and TUNICRIS, TUNICRIS briefing)

Open Research Culture 2/2

Policy: *"Open Science also means that people who are not members of the academic community are encouraged to join research processes when appropriate."* ☐   Citizen science

Guidance:

- Guide: What is citizen science?
- Contact address: oa@tuni.fi

Trainings: Responsible and open science trainings

New initiative in the Library so support actions are underway.

Researcher's visibility and impact

Policy: "*Tampere University's researchers are active academic experts in their field and engage in social debate in their respective fields.*"
"*Tampere University's researchers obtain and use the international ORCID identifier with which researchers can be associated with the research outputs they produce.*"

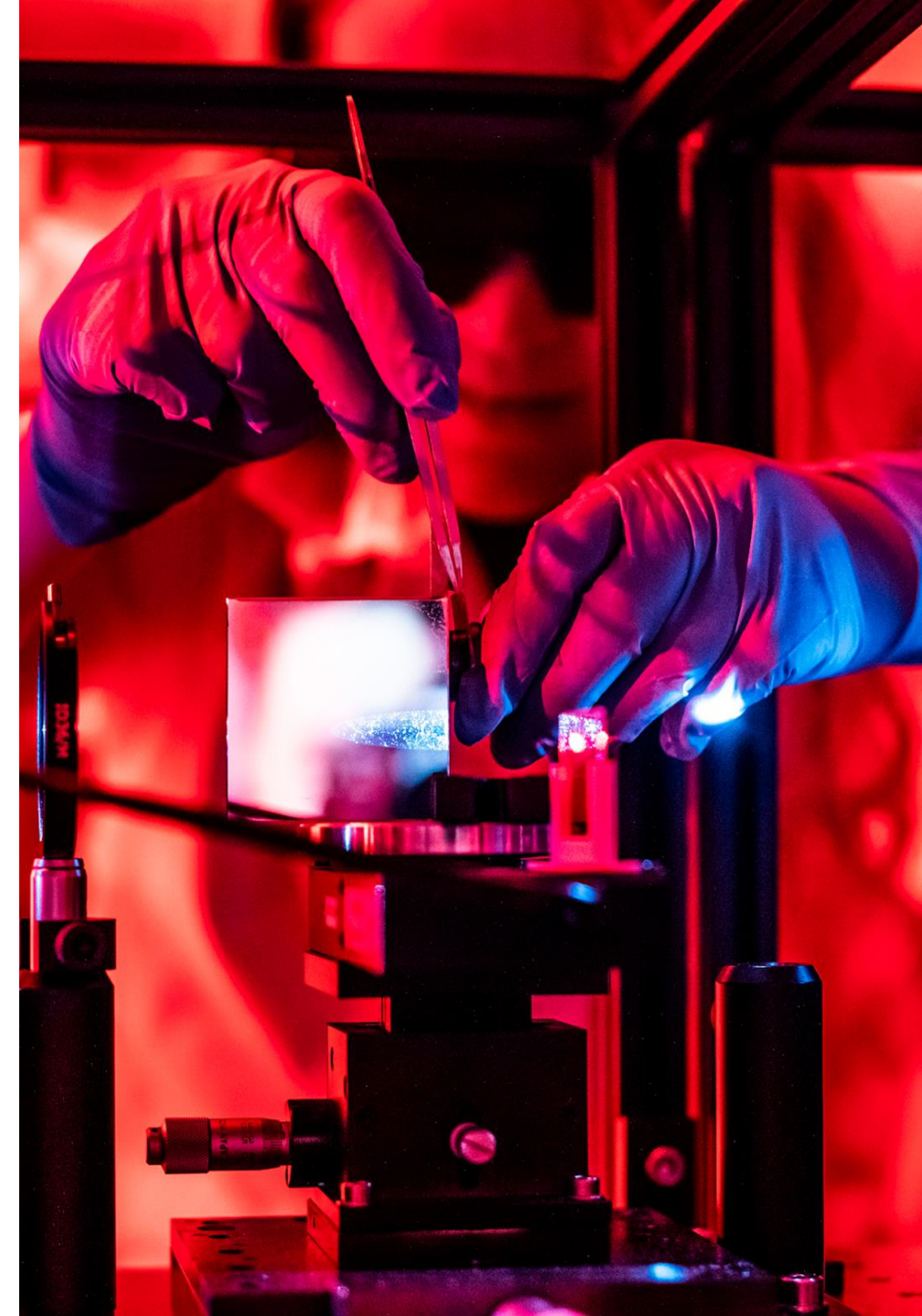Services:
- Help creating ORCID-identifier
- Library provides publication metric services for the management of higher education community, faculties, education units, research groups and for the Tampere University Hospital.
- Bibliometric reports for different purposes, e.g. to monitor the impact of research publications, support funding applications and recruitment processes.
- Guidance on how to make a citation analysis and examine the impact of research (Overton)
- Personal profile in the university's CRIS-system (TUNICRIS).

Guidance:
- Guide: Researcher's guide to responsible and open science
- Contact address: lib.metrics@tuni.fi

Trainings:Responsible and open science trainings

Open access publishing

Policy: *"With open access publishing, the University strives for a high scientific level and societal impact and aims to promote equal access to knowledge and informed decision-making."*
"Through the agreements and services it provides, the University enables its researchers to publish open access."
"The researchers self-archive their publications in the University's institutional repository regardless of whether the original publication is available open access."
Services:
- Library provides support for making publication plans, handling APC's and checking funders' open access requirements
- Journal Guide – tool for finding a suitable journal for an article
- Open access support funding - Tampere University Library will pay article processing charges (APCs) for scientific publications that meet certain criteria.
- TUNICRIS – research information system (service for publication information and self-archived publications)
- Trepo - Open institutional repository for dissertations and thesis

Guidance:
- Guide: Researcher's guide to responsible and open science
- Contact address: oa@tuni.fi

Training: Responsible and open science trainings

Courses in the Doctoral School: Open science as part of the research ethics course

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Research data management

Policy: *"The University is committed to promoting good research data management and the responsible open accessibility of research data, infrastructures, and methods."*
"The openness of research data and methods increases the transparency and impact of science."

Services:
> Research Data Services provides services on data management and **Data manager** services for projects
> TUNICRIS – research information system (service for publishing metadata)
> DMPTuuli – a tool for making a data management plan
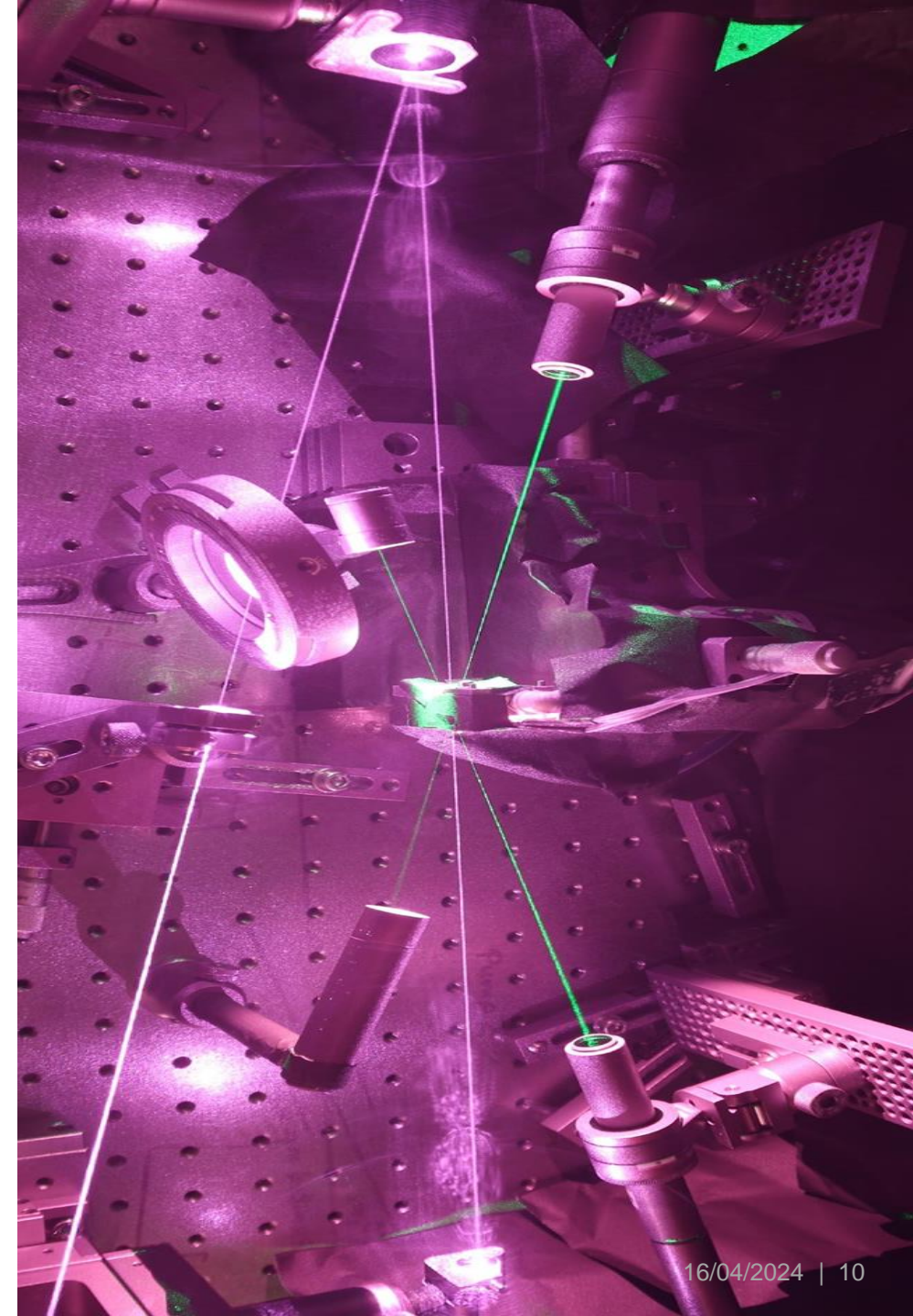> Coming in the next few years: Own repository for research data

Guidance:
> Guide: Researcher's guide to responsible and open science
> Contact address: researchdata@tuni.fi

Training: Responsible and open science trainings
Courses in the Doctoral School: Managing research information course and
> Data management: survey and interview data

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Open education

Policy: "*The University is actively developing new practices to implement the responsible openness of education and educational resources.*"

"*The University recommends the use of open educational resources and practices…*"

"*The University recommends publishing educational materials in high-quality national or international services.*"

Services: The Library of Open Educational Resouces - AOE

Guidance:
- Support on copyright issues and how to use open educational resources shared by others and how to share their own materials.
- Open education and open educational resources
- Contact address: oa@tuni.fi

- Trainings: Responsible and open science trainings

- New initiative in the Library so support actions are underway.

THANK YOU!