

labfolder

free your data from paper

LAB NOTEBOOKS GOING DIGITAL

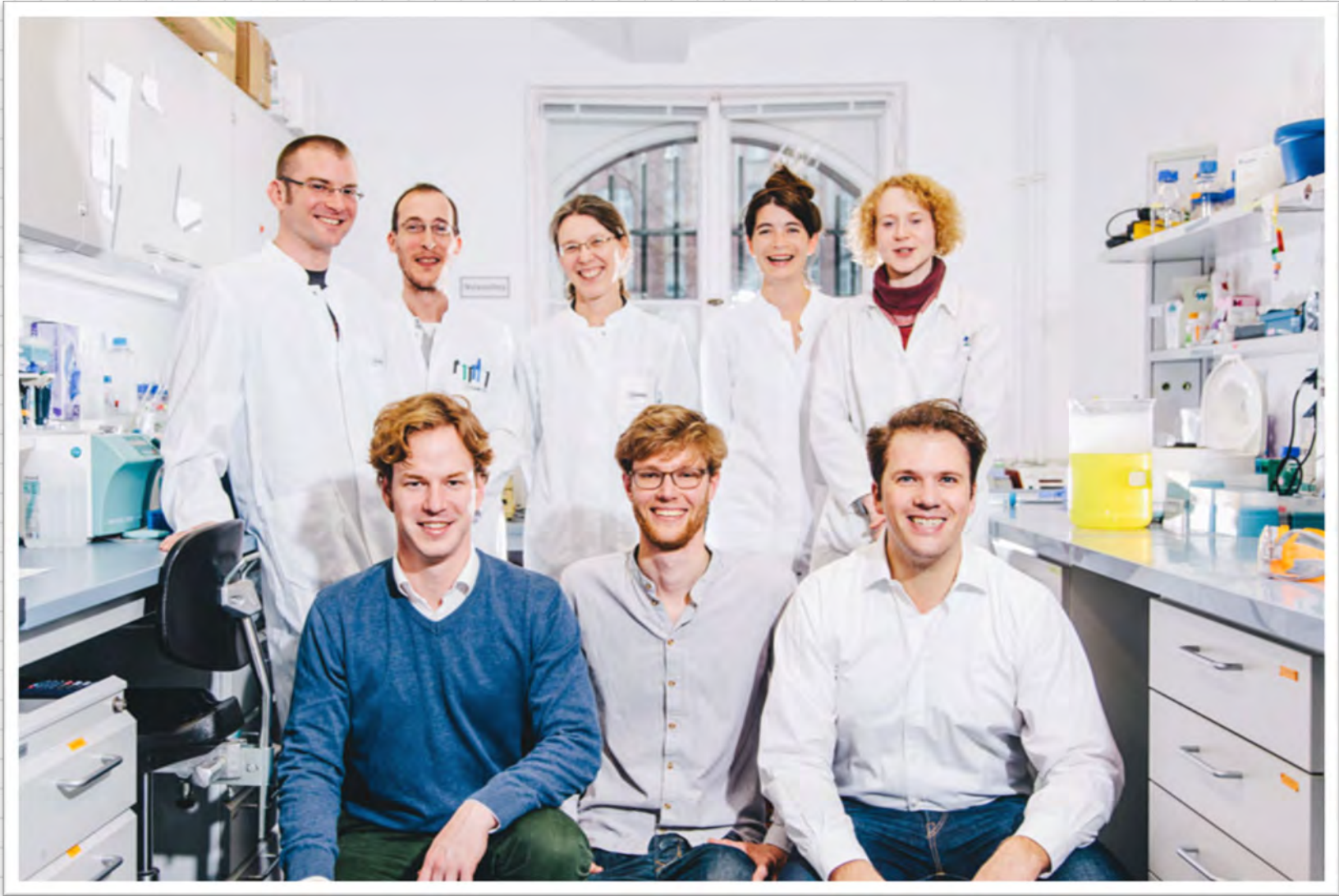
Helmholtz Open Science Webinars

Dr. Florian Hauer, labfolder GmbH

26.06.2014

www.labfolder.com

THE TEAM



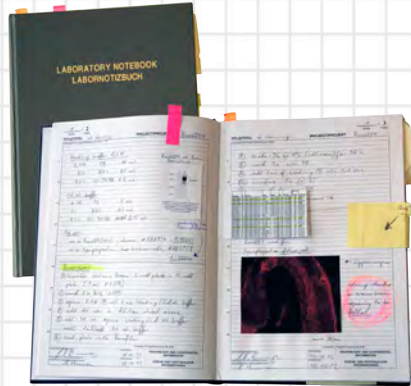
Dr. Florian Hauer, COO

Mathias Schäffner, CTO

Dr. Simon Bungers, CEO

THE PAPER DILEMMA

paper lab
notebooks



VAST collections of
non-searchable data



abbreviated 3-page
research report

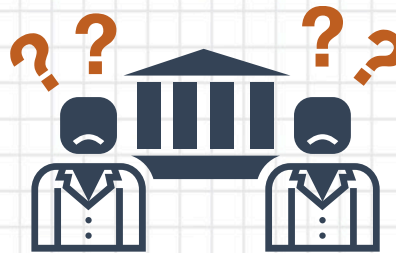


scientists



What did I do
before?

research groups



What did my
colleagues do?

scientific community



How can we
find details?

DIGITAL LAB NOTEBOOKS



Make documentation faster



Find and reuse data easily



Share findings and knowledge

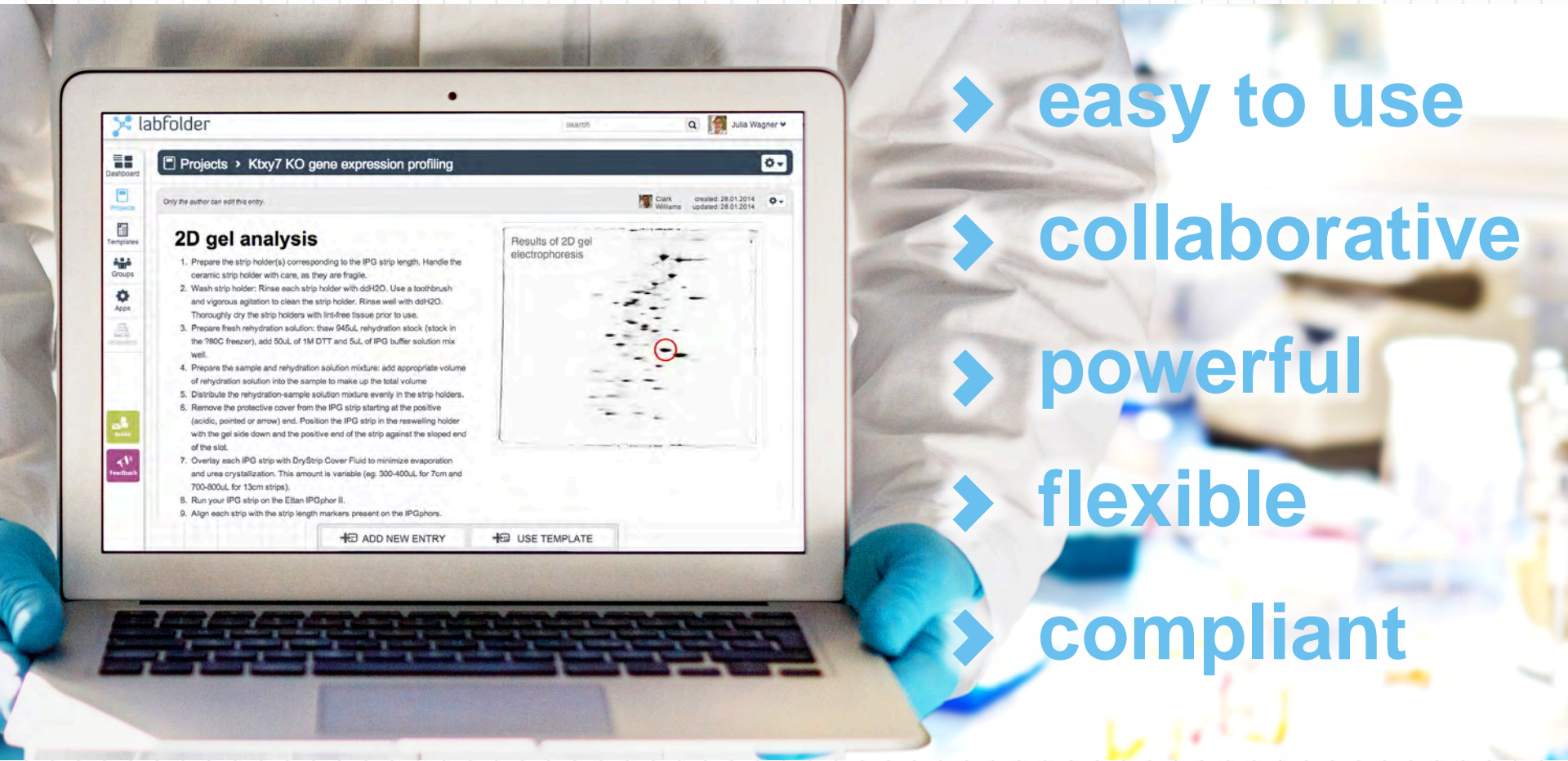


Make more out of your data



Make research more successful

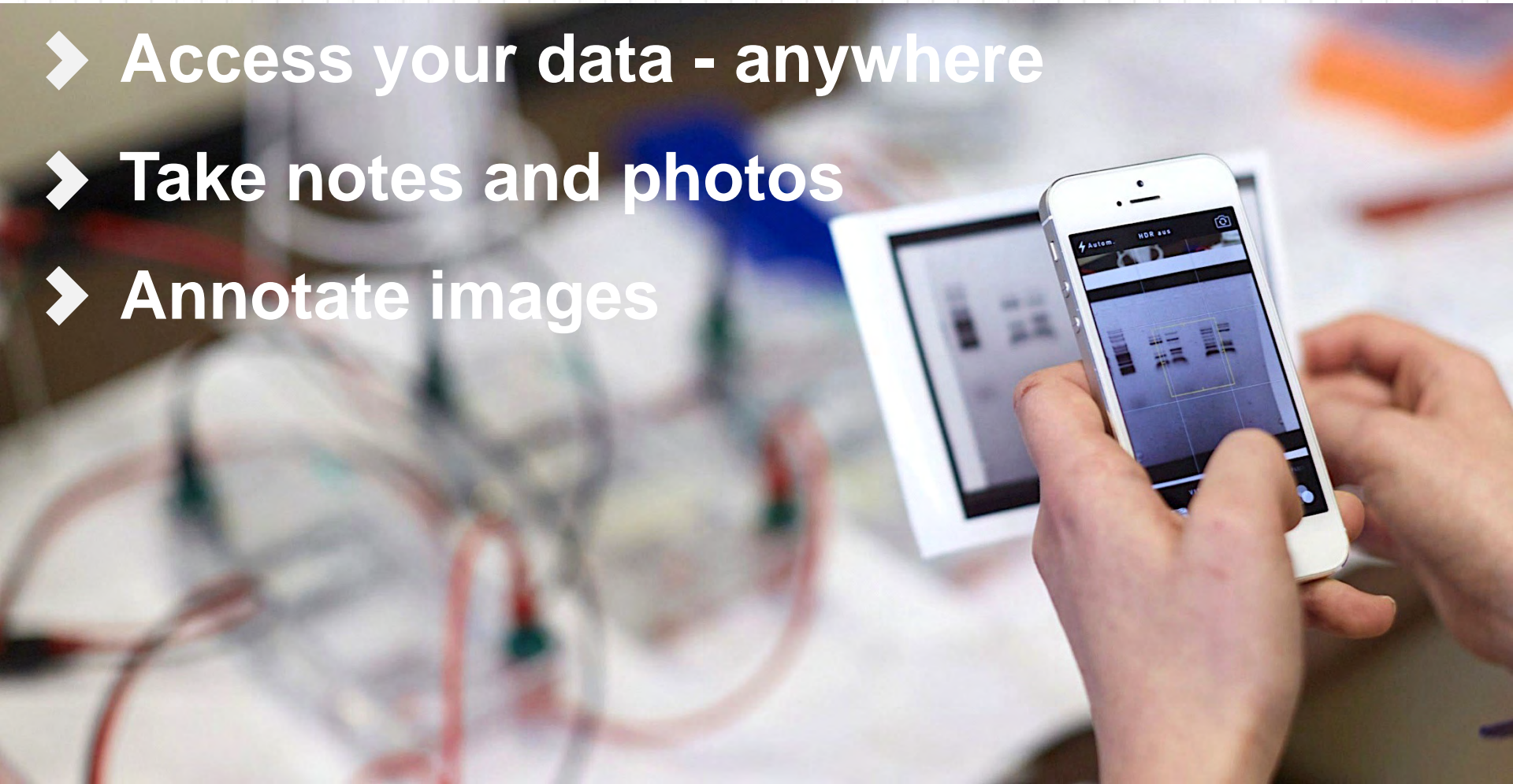
LABFOLDER: THE LAB OS



Try for free: www.labfolder.com

MOBILE APPS

- Access your data - anywhere
- Take notes and photos
- Annotate images



Available for iPhone/iPad and Android devices

COMPLIANCE – AN OVERVIEW

GLP (OECD Guidelines on good laboratory practice)

GLP requirement	labfolder Feature	Compliance
Access control	login, project access rights	✓
Full audit trail	history function	✓
Digital signatures	signing and witnessing	✓
Daily backups	provided by labfolder	✓
Data center protected	provided by data center	✓

CFR 21 Part 11 (FDA guidelines for digital signatures)

Requirement	labfolder Feature	Compliance
Signature (biometric or system credentials)	signing and witnessing	✓
Document integrity	Audit Trail, Controlled deletion, Hash sum	✓
Access management	login, author control, access rights management	✓

SAFETY & IP PROTECTION

Cloud Solution



- encrypted communication
- daily backup
- servers in Germany, strict data protection



Clients



- server client available



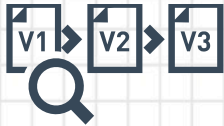
- desktop clients coming soon



- mobile apps



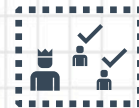
© IP Protection



- full audit trail
- digital signatures
- witnessing



Group Administration



- access control



- visualized group hierarchy
- rights management

Keeping your data safe.

HOW LABFOLDER WORKS

The screenshot displays the Labfolder web application interface. At the top, the 'labfolder' logo is on the left, and a search bar and user profile (Julia Wagner) are on the right. A dark blue header bar contains a gear icon and the word 'Apps'. Below this, a newsletter subscription banner reads 'Don't miss any updates. Subscribe to our newsletter:' with a 'Subscribe' button. The main content area features eight application cards arranged in two rows. The first row includes Mendeley, Dropbox (with an 'Install' button highlighted by a mouse cursor), Figshare, Sign and Witness, Messages, and Task. The second row includes Comments and Notifications. Each card shows the application's logo, name, last update date, and a status indicator (checkmark and 'Installed [x]'). A left sidebar contains navigation icons for Dashboard, Projects, Templates, Groups, Apps, Inventory, Invite, and Feedback.

labfolder

search

Julia Wagner

Dashboard

Projects

Templates

Groups

Apps

Inventory

Invite

Feedback

Apps

Don't miss any updates. Subscribe to our newsletter: [Subscribe](#)

Mendeley
Last update: 11.03.2014
✓ Installed [x]

Dropbox
Last update: 20.03.2014
[Install](#)

Figshare
Last update: 26.03.2014
✓ Installed [x]

Sign and Witness
Last update: 24.04.2014
✓ Installed [x]

Messages
Last update: 24.04.2014
✓ Installed [x]

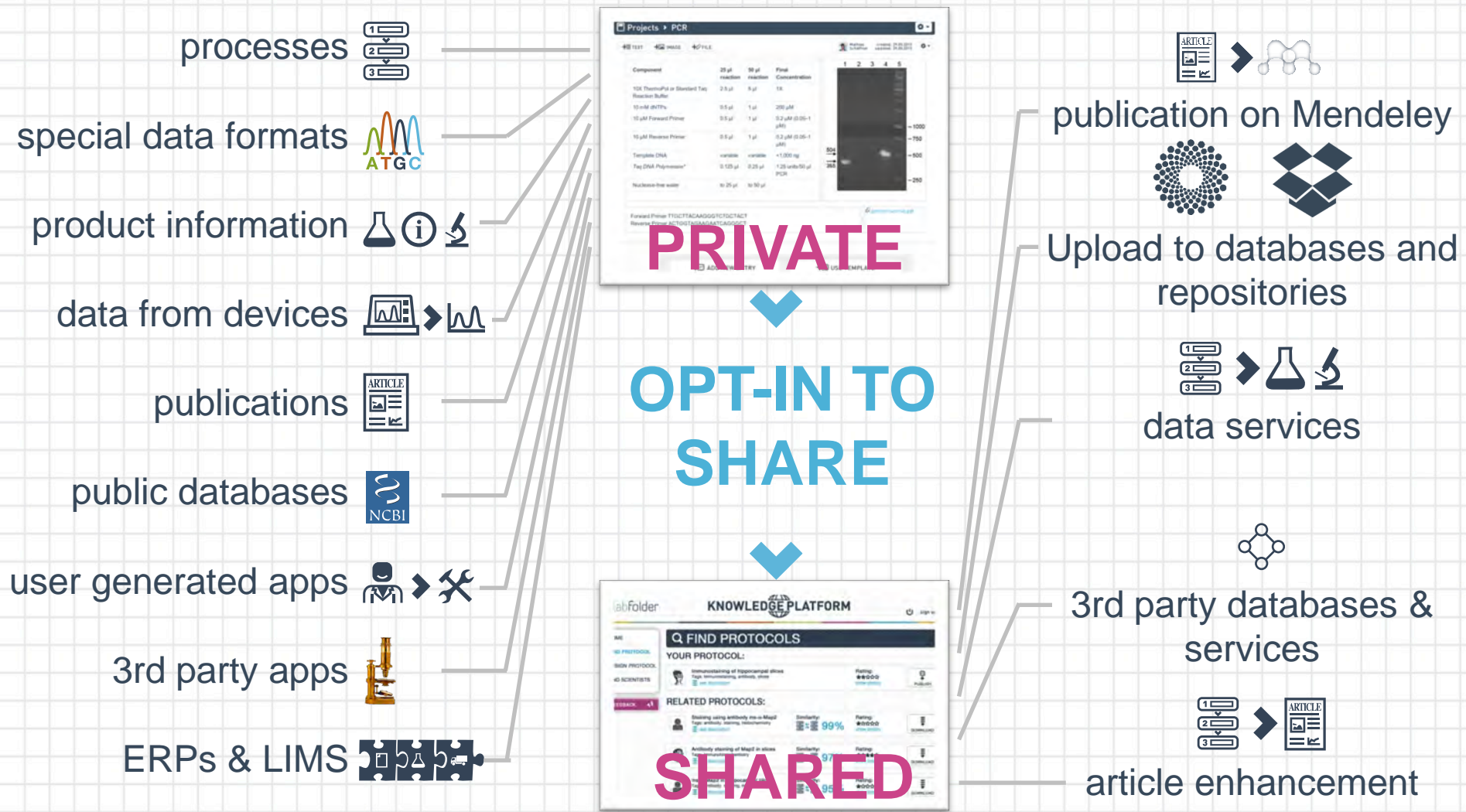
Task
Last update: 24.04.2014
✓ Installed [x]

Comments
Last update: 24.04.2014
✓ Installed [x]

Notifications
Last update: 31.03.2014
✓ Installed [x]

See full screencast: https://www.youtube.com/watch?v=_6gGyPSMWP4

PLATFORM



➡➡ **THE OPERATION SYSTEM FOR LABS**



We must be open about our mistakes
Greater transparency about the scientific process and a closer focus on correcting defective data are the way forward, says Jim Woodgett.

CURRENT TRENDS

- NSF promotes publication of 'research products' as of Jan 2013.

- Development of new publishing formats

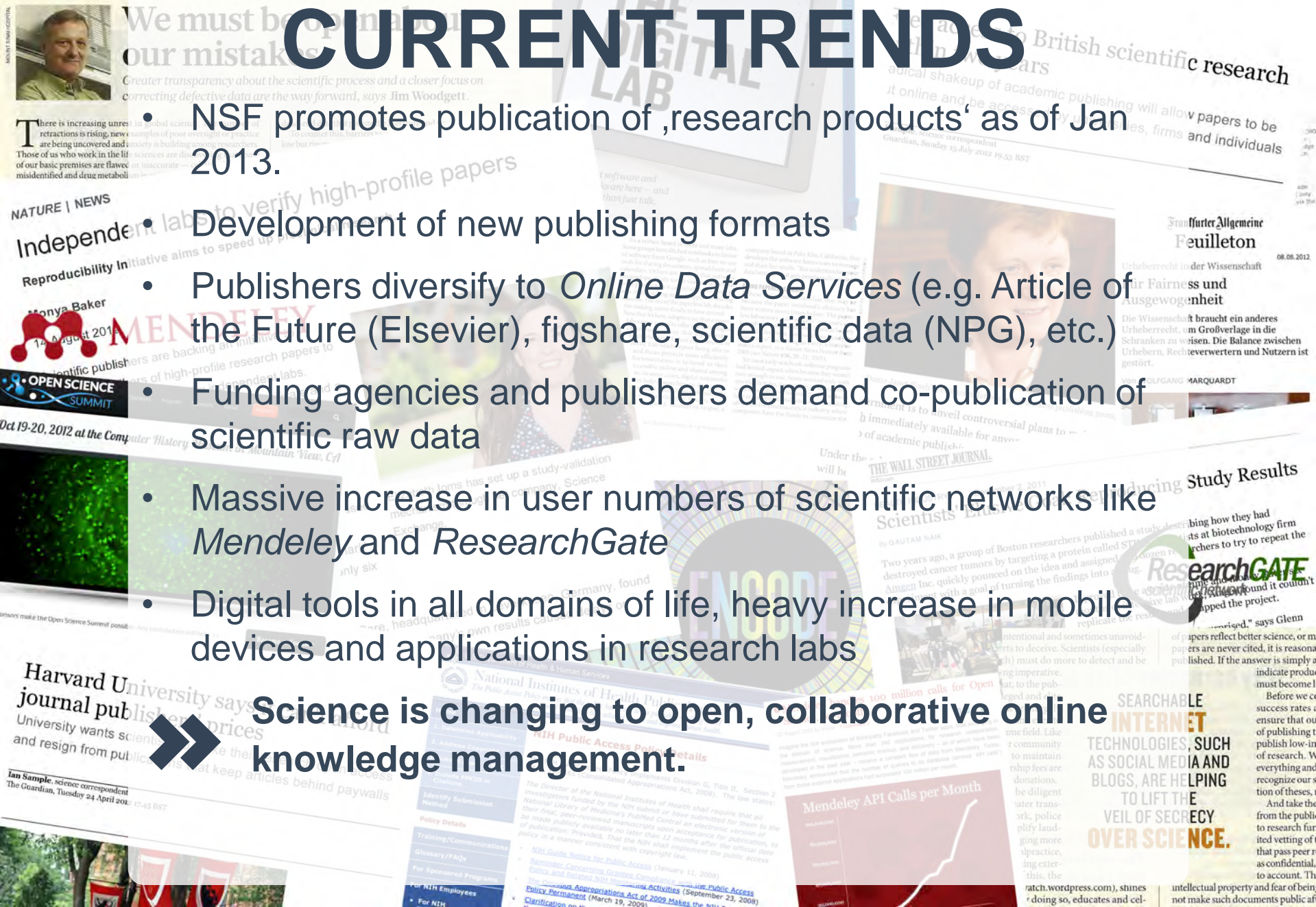
- Publishers diversify to *Online Data Services* (e.g. Article of the Future (Elsevier), figshare, scientific data (NPG), etc.)

- Funding agencies and publishers demand co-publication of scientific raw data

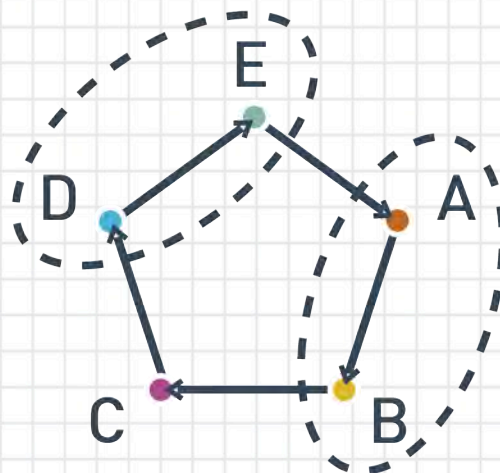
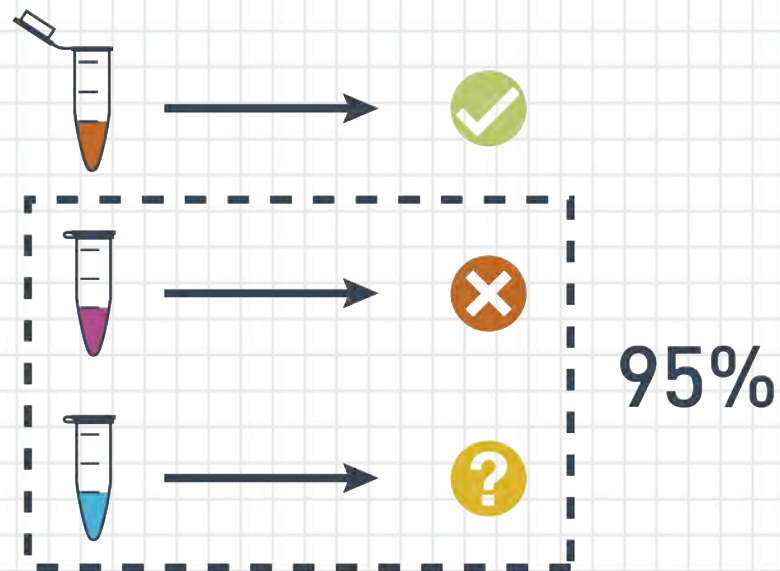
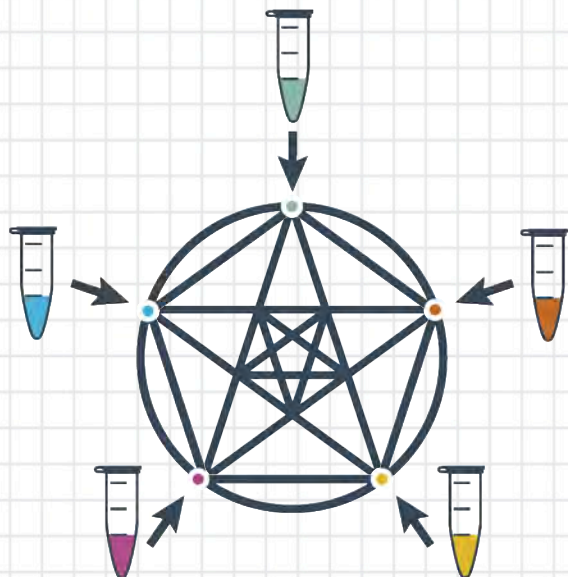
- Massive increase in user numbers of scientific networks like *Mendeley* and *ResearchGate*

- Digital tools in all domains of life, heavy increase in mobile devices and applications in research labs

» Science is changing to open, collaborative online knowledge management.



SCIENCE 2.0



TRY IT YOURSELF!



**THE DIGITAL
LAB NOTEBOOK**

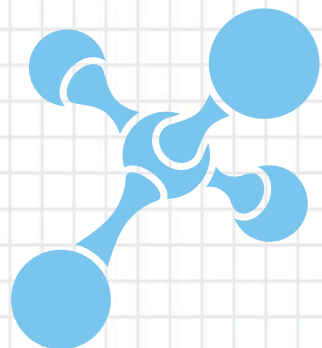
SIGN UP
for free

download the mobile app

GET IT ON
Google play

Available on the
App Store

www.labfolder.com



labfolder

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