



BUILDING A SUSTAINABLE EUROPEAN INNOVATION PLATFORM TO ENHANCE THE REPURPOSING OF MEDICINES FOR ALL

Résultats

Informations projet

REMEDI4ALL

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 Health

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 l'UE
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Investissement dans les priorités politiques de l'UE

Stratégie numérique	☐	Air pur	☐
Intelligence artificielle	☐	Action pour le climat	☐
Biodiversité	☐		

Coordonné par
 EATRIS ERIC
 Pays-Bas

Les liens vers les livrables et les publications des projets du 7e PC, ainsi que les liens vers certains types de résultats spécifiques tels que les jeux de données et les logiciels, sont récupérés dynamiquement sur [OpenAIRE](#) .

Livrables

Documents, rapports (4)

[Report on AI tools and data resource](#)

Report on existing AI tools and data resources carefully tested, ranked and classified for various repurposing applications.

[Training landscape map](#)

Report summarising existing information training and support in DR with publicfacing signposting to existing repurposing resources and trainings

[Report on the strategy and roadmap for collaboration with other synergies](#)

This report will provide a guide of synergies with other projects and networks to be implemented during the project the methodological framework process and sources for the identification of projects with which to build synergies

[Report on services, expertise, barriers in the clinical development](#)

Report describing the mapping of the clinical drug repruposing landscape identification of barriers gap analysis and blueprint report focusing on the clinical development

Publications

Articles approuvés par les pairs (16)

[Integrated drug profiling and CRISPR screening identify BCR::ABL1-independent vulnerabilities in chronic myeloid leukemia](#)

Auteurs: Adnan Awad, Shady; Dufva, Olli; Klievink, Jay; Karjalainen, Ella; Ianevski, Aleksandr; Pietarinen, Paavo; Kim, Daehong; Potdar, Swapnil; Wolf, Maija; Lotfi, Kourosh; Aittokallio, Tero; Wennerberg, Krister; Porkka, Kimmo; Mustjoki, Satu

Publié dans: Cell Reports Medicine, 2024, ISSN 2666-3791

Éditeur: Elsevier

DOI: 10.1016/J.XCRM.2024.101521

[Medical Management for Fracture Prevention in Children with Osteogenesis Imperfecta](#)

Auteurs: Paul Arundel; Nick Bishop

Publié dans: Calcified Tissue International, 2024, ISSN 1432-0827

Éditeur: Springer Nature

DOI: 10.1007/S00223-024-01202-7

[Robust scoring of selective drug responses for patient-tailored therapy selection](#)

Auteurs: Yingjia Chen; Liye He; Aleksandr Ianevski; Pilar Ayuda-Durán; Swapnil Potdar; Jani Saarela; Juho J. Miettinen; Sari Kytölä; Susanna Miettinen; Mikko Manninen; Caroline A. Heckman; Jorrit M. Enserink; Krister Wennerberg; Tero Aittokallio

Publié dans: Nature Protocols, 2023, ISSN 1750-2799

Éditeur: Nature Portfolio

DOI: 10.1038/S41596-023-00903-X

[Randomized phase 2 study of valproic acid combined with simvastatin and gemcitabine/nab-paclitaxel-based regimens in untreated metastatic pancreatic adenocarcinoma patients: the VESPA trial study protocol](#)

Auteurs: Alfredo Budillon, Alessandra Leone, Eugenia Passaro, Lucrezia Silvestro, Francesca Foschini, Federica Iannelli, Maria Serena Roca, Marina Macchini, Francesca Bruzzese, Maria Laura Garcia Bermejo, Mercedes Rodriguez Garrote, Giampaolo Tortora, Michele Mile

Publié dans: BMC Cancer, 2024, ISSN 1471-2407

Éditeur: BioMed Central

DOI: 10.1186/S12885-024-12936-W

[Improved Detection of Drug-Induced Liver Injury by Integrating Predicted<i>in vivo</i>and<i>in vitro</i>Data](#)

Auteurs: Srijit Seal; Dominic P. Williams; Layla Hosseini-Gerami; Manas Mahale; Anne E. Carpenter; Ola Spjuth; Andreas Bender

Publié dans: Chemical Research in Toxicology, 2024, ISSN 1520-5010

Éditeur: American Chemical Society

DOI: 10.1021/ACS.CHEMRESTOX.4C00015

[Nature Communications](#)

Auteurs: Aleksandr Ianevski; Kristen Nader; Kyriaki Driva; Wojciech Senkowski; Daria Bulanova; Lidia Moyano-Galceran; Tanja Ruokoranta; Heikki Kuusanmäki; Nemo Ikonen; Philipp Sergeev; Markus Vähä-Koskela; Anil K. Giri; Anna Vähärautio; Mika Kontro; Kimmo Porkka; Esa Pitkänen; Caroline A. Heckman; Krister Wennerberg; Tero Aittokallio

Publié dans: Single-cell transcriptomes identify patient-tailored therapies for

selective co-inhibition of cancer clones, 2024, ISSN 2041-1723

Éditeur: Springer Nature

DOI: 10.1038/S41467-024-52980-5

[RepurposeDrugs: an interactive web-portal and predictive platform for repurposing mono- and combination therapies](#) 

Auteurs: Aleksandr Ianevski; Aleksandr Kushnir; Kristen Nader; Mitro Miihkinen; Henri Xhaard; Tero Aittokallio; Ziaurrehman Tanoli

Publié dans: Briefings in Bioinformatics, 2024, ISSN 1477-4054

Éditeur: Oxford University Press

DOI: 10.1093/BIB/BBAE328

[Cell Painting: a decade of discovery and innovation in cellular imaging](#) 

Auteurs: Seal, Srijit; Trapotsi, Maria-Anna; Spjuth, Ola; Singh, Shantanu; Carreras-Puigvert, Jordi; Greene, Nigel; Bender, Andreas; Carpenter, Anne E

Publié dans: Nature Methods, 2024, ISSN 1548-7105

Éditeur: Nature Portfolio

DOI: 10.17863/CAM.112378

[Artificial intelligence for high content imaging in drug discovery](#) 

Auteurs: Jordi Carreras-Puigvert; Ola Spjuth

Publié dans: Current Opinion in Structural Biology, 2024, ISSN 1879-033X

Éditeur: Elsevier

DOI: 10.1016/J.SBI.2024.102842

[HPR155 Drug Repurposing: Policy Barriers to Using Existing Pharmaceuticals in New Indications: Results of a Systematic Literature Review](#) 

Auteurs: Z Petykó, D Hosszú, M Csanádi, GD Obeng, D Ameyaw, K Gyöngyösi, HG van der Meer, P Pantziarka, Z Kalo, A Inotai

Publié dans: Value in Health, Numéro 27, 2024, ISSN 1098-3015

Éditeur: Elsevier BV

DOI: 10.1016/J.JVAL.2024.10.1581

[From pixels to phenotypes: Integrating image-based profiling with cell health data as BioMorph features improves interpretability](#) 

Auteurs: Srijit Seal; Jordi Carreras-Puigvert; Shantanu Singh; Anne E. Carpenter; Ola Spjuth; Andreas Bender

Publié dans: Molecular Biology of the Cell, 2024, ISSN 1939-4586

Éditeur: American Society for Cell Biology

DOI: 10.1091/MBC.E23-08-0298

[Attention-based approach to predict drug-target interactions across seven target superfamilies](#) 

Auteurs: Aron Schulman; Juho Rousu; Tero Aittokallio; Ziaurrehman Tanoli

Publié dans: Bioinformatics, 2024, ISSN 1367-4811

Éditeur: Oxford University Press

DOI: 10.1093/BIOINFORMATICS/BTAE496

[Drug repurposing in Rett and Rett-like syndromes: a promising yet underrated opportunity? !\[\]\(2e897e890e69d81eae4503a8342c36b0_img.jpg\)](#)

Auteurs: Claudia Fuchs; Peter A. C. 't Hoen; Annelieke R. Müller; Annelieke R. Müller; Annelieke R. Müller; Friederike Ehrhart; Clara D. M. Van Karnebeek; Clara D. M. Van Karnebeek; Clara D. M. Van Karnebeek

Publié dans: Frontiers in Medicine, 2024, ISSN 2296-858X

Éditeur: Frontiers Media

DOI: 10.3389/FMED.2024.1425038

[Exploring SureChEMBL from a drug discovery perspective !\[\]\(830769b31eeeaca920791081939ff8ba_img.jpg\)](#)

Auteurs: Yojana Gadiya; Simran Shetty; Martin Hofmann-Apitius; Philip Gribbon; Andrea Zaliani

Publié dans: Nature Scientific Data, 2024, ISSN 2052-4463

Éditeur: Nature Portfolio

DOI: 10.1038/S41597-024-03371-4

[Drug repurposing for rare: progress and opportunities for the rare disease community !\[\]\(bd3b31712ad9bab5a241210fa6925cdd_img.jpg\)](#)

Auteurs: Anneliene Hechtelt Jonker; Anneliene Hechtelt Jonker; Daniel O'Connor; Daniel O'Connor; Maria Cavaller-Bellaubi; Maria Cavaller-Bellaubi; Christine Fetro; Christine Fetro; Maria Gogou; Maria Gogou; Peter A. C. 'T Hoen; Peter A. C. 'T Hoen; Martin de Kort; Martin de Kort; Heather Stone; Heather Stone; Nivedita Valentine; Nivedita Valentine; Anna Maria Gerdina Pasmooij; Anna Maria Gerdina Pasmooij

Publié dans: Frontiers in Medicine, 2024, ISSN 2296-858X

Éditeur: Frontiers Media

DOI: 10.3389/FMED.2024.1352803

[Insights into Drug Cardiotoxicity from Biological and Chemical Data: The First Public Classifiers for FDA Drug-Induced Cardiotoxicity Rank !\[\]\(e50091943b385fe16d3277389202856f_img.jpg\)](#)

Auteurs: Srijit Seal; Ola Spjuth; Layla Hosseini-Gerami; Miguel García-Ortegón; Shantanu Singh; Andreas Bender; Anne E. Carpenter

Publié dans: Journal of Chemical Information and Modeling, 2024, ISSN 1520-5142

Éditeur: American Chemical Society

DOI: 10.1021/ACS.JCIM.3C01834

Autres (1)



[REMEDI4ALL - Standard Operating Guideline - Fair Data Assessment !\[\]\(fa03f7688acce2280e23104ced18e610_img.jpg\)](#)

Auteurs: Gadiya, Yojana; Zaliani, Andrea

Publié dans: Zenodo, 2025

Éditeur: Zenodo

DOI: 10.5281/ZENODO.14605175

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