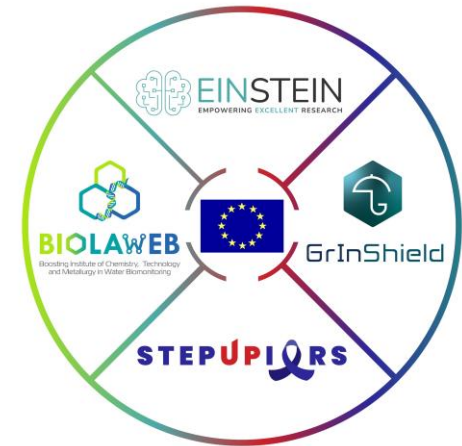


STEPUPIORS

Twinning for a European Consortium of Rectal Cancer Research Institutions through Stepping up Scientific, Technological and Innovation Excellence of IORS

 Funded by the European Union Project number: 101079217



Contribution of the **STEPUPIORS** project to better management of rectal cancer in Serbia

OneHealth in Serbia

DECEMBER 9, 2024

Science Technology Park
Veljka Dugoševića 54
Belgrade, Serbia

STAKEHOLDER MEETING TO BOOST EXCELLENCE IN RESEARCH AND INNOVATION ECOSYSTEMS FOR EQUITY IN HEALTH

 Funded by the European Union



GrInShield Horizon Europe Project
101079151, Dr Svetlana Jovanović, Vinča
Institute of Nuclear Sciences, University of
Belgrade, Serbia, Project Coordinator



BIOLAWEB Horizon Europe Project
101079234, Dr Miloš Ćirić, The Institute of
Chemistry, Technology and Metallurgy,
Belgrade, Serbia, Project Coordinator



EINSTEIN Horizon Europe Project
101136377, Prof. Goran Stojanović, Faculty of
Technical Sciences, University of Novi Sad,
Serbia, Project Coordinator



STEPUPIORS Horizon Europe Project
101079217, Dr Milena Čavić, Institute for
Oncology and Radiology of Serbia (IORS),
Belgrade, Serbia, Project Coordinator

Project overview

STEPUPIORS

Grant agreement ID: 101079217

DOI

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EC signature date

14 July 2022

Start date

1 October 2022

End date

30 September 2025

Funded under

Widening participation and spreading excellence

Total cost

€ 1 500 000,00

EU contribution

€ 1 500 000,00



Coordinated by

INSTITUT ZA ONKOLOGIJU I RADIOLOGIJU SRBIJE

 Serbia

Participants (4)

Sort alphabetically ▾

Sort by Net EU contribution ⚡



**FUNDACIO DE RECERCA CLINIC BARCELONA-
INSTITUT D INVESTIGACIONS BIOMEDIQUES AUGUST
PI I SUNYER**

 Spain



THIRD-PARTY



HOSPITAL CLINIC DE BARCELONA

 Spain



**IDRYMA IATROVIOLOGIKON EREUNON AKADEMIAS
ATHINON**

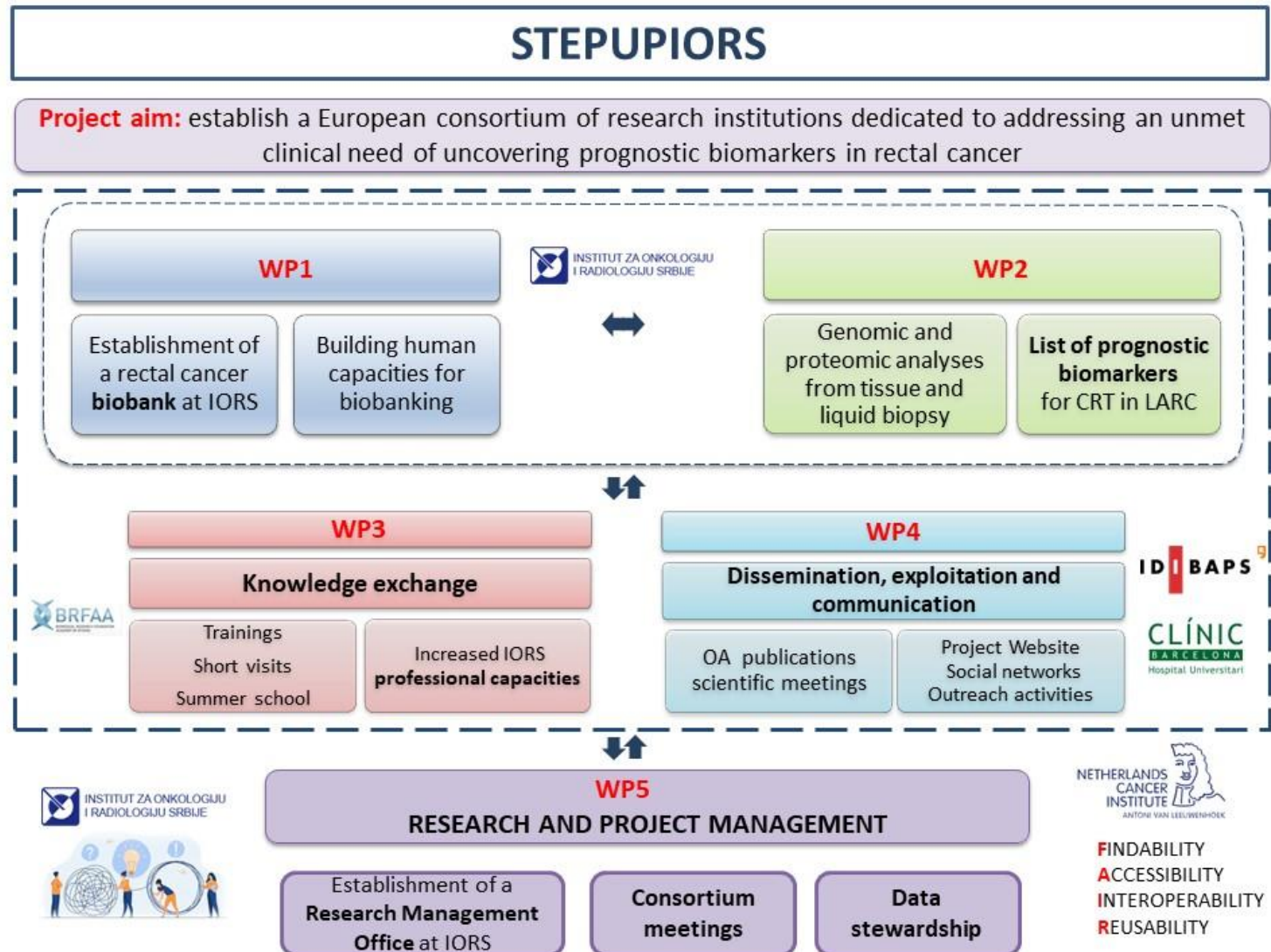
 Greece



**STICHTING HET NEDERLANDS KANKER INSTITUUT-
ANTONI VAN LEEUWENHOEK ZIEKENHUIS**

 Netherlands

Project structure



Project objectives

Determine the molecular profile of response to neoadjuvant chemoradiotherapy in patients with locally advanced rectal cancer through a newly formed rectal cancer consortium with complementary expertise.

1

Strengthen the research, management and administrative abilities of the Institute for Oncology and Radiology of Serbia (IORS) located in Belgrade, Serbia along with the establishment of a rectal cancer biobank.

2

3

Establish a long-lasting knowledge, personnel, and sample exchange between partner institutions in the rectal cancer consortium.

Project participants



This study was funded by the Horizon Europe Twinning Project STEPUPIORS – 101079217.
The contents of this presentation do not necessarily reflect the position or opinion of the European Commission.

Project overview

STEPUPIORS

Twinning for a European Consortium of Rectal Cancer Research Institutions through Stepping up Scientific, Technological and Innovation Excellence of IORS



Funded by
the European Union

Project number: 101079217



Main achievements

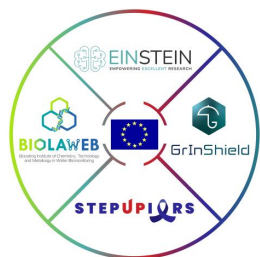
- **~16% of patients with clinical and pathological complete response to therapy - watch-and-wait approach and follow-up**
- **These results can be roughly translated to 200-300 patients in Serbia per year who might benefit from preservation of quality of life and better health outcomes**

Next activities and future plans

- Biobanking of samples from other prospective patient cohorts
- Integration of omics data
- Strengthening human resources and scientific capacities
- Translation of scientific results into policy change

**STAKEHOLDER ENGAGEMENT
LONG-TERM IMPACT**

Project community in evolution



TRACEPIGEN
REPANCAN



NEURODERISK
DERISKING NEUROTOXICITY



ELMUMY



Project stakeholders



Република Србија
МИНИСТАРСТВО НАУКЕ,
ТЕХНОЛОШКОГ РАЗВОЈА И ИНОВАЦИЈА



Република Србија
МИНИСТАРСТВО ЗДРАВЉА



Scientific stakeholders

Individuals

1. Dr Tamara Sokolici, Institute for Biological Research "Siniša Stanković", National Institute of the Republic of Serbia, Bulevar despota Stefana 142, Belgrade, Serbia. Contact: cvjetkovic@gmail.com
2. Prof. Dr. Milica Popović, Faculty of Chemistry, University of Belgrade, Serbia, Studentski Trg 12-16, Belgrade, Serbia. Contact: la_bloquimica@chem.bg.ac.rs
3. Prof. Dr. Ana Banko, Faculty of Medicine, University of Belgrade, Serbia, Dr Subotica 8, Belgrade, Serbia. Contact: ana.banko@med.bg.ac.rs
4. Prof. Dr. Aleksandra Buha Torcades, Faculty of Pharmacy, University of Belgrade, Serbia, Vojvodje Stepe 450, Belgrade, Serbia. Contact: aleksandra@pharmacy.bg.ac.rs
5. Prof. Dr. Zeljko Popovic, Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Trg Dositeja Obradovića 3, Novi Sad, Serbia. Contact: zeljko.popovic@obc.uns.ac.rs
6. Prof. Dr. Katarina Sović-Vujović, Department of Pharmacology, Clinical Pharmacology and Toxicology, Faculty of Medicine, University of Belgrade, Serbia. Contact: katarinasovicvujovic@gmail.com
7. Prof. Dr. Jelena Milošić, Department of Biology with Human Genetics, Faculty of Dental Medicine University of Belgrade, Serbia. Contact: jelena.milosic@fmd.bg.ac.rs
8. Pym. Dr. Davarin Radosavljević, Institute for Oncology and Radiology of Serbia, Postarova 14, Belgrade, Serbia. Contact: davarin@icr.ac.rs
9. Prof. Dr. Antoni Costells, Gastrointestinal and Pancreatic Oncology Team, Clinic Barcelona, University of Barcelona, FRCB-IDBAPS, Barcelona, Spain. Contact: costells@iclr.cat
10. Prof. Dr. Jardi Camps, Translational Colorectal Cancer Genomics Group, Autonomous University of Barcelona, FRCB-IDBAPS, Barcelona, Spain. Contact: jardi.camps@ub.ac.cat
11. Dr. Veronika Vymetalikova, Academy of Sciences of the Czech Republic, Prague, Czech Republic. Contact: veronika.vymetalikova@iavem.cas.cz
12. Prof. Dr. Nikolaos Stoecklein, Heinrich-Heine-Universität Düsseldorf, Universitätsklinikum Düsseldorf, Düsseldorf, Germany. Contact: Nikolaos.Stoecklein@med.uni-duesseldorf.de
13. Prof. Dr. Marc Gunter, Imperial College London, International Agency for Research on Cancer (IARC), Lyon, France. Contact: gunterm@iarc.fr
14. Prof. Dr. Olga Anbar, Institute for Biocomputation and Physics of Complex Systems (BIFI), University of Zaragoza, Zaragoza, Spain. Contact: oabifra@unizar.es
15. Dr. Alexei Levitchki, Department of Molecular Biology and Human Genetics, State University of Medicine and Pharmacy "Nicolae Testemitanu" Chisinau, Moldova. Contact: alexei.levitchki@usmf.md
16. Dr. Simon Furney, University of Medicine and Health Sciences, Dublin, Ireland. Contact: simon.furney@icah.ie
17. Prof. Evl Lianidou, Laboratory of Analytical Chemistry, Analysis of Circulating Tumor Cells (ACTC) Lab, Dept. of Chemistry, National and Kapodistrian University of Athens, Athens, Greece. Contact: email: lianidou@chem.uoa.gr, evlianidou@gmail.com
18. Irena Pounjović, Clinic for Infectious and Tropical Diseases, University Clinical Center of Serbia, Bulevar Oslobođenja 16, Belgrade, Serbia. Contact: irenapounjovic@yahoo.com
19. Bojana Kostić, Vinča Institute of Nuclear Sciences, Mike Petrovića Alasa 12-14, Belgrade, Serbia. Contact: bojana8@vinca.bg.ac.rs
20. Prof. Božiljka Djikanović, Institute for Social Medicine, School of Public Health, Faculty of Medicine, University of Belgrade, Serbia, Dr Subotica 15, Belgrade, Serbia. Contact: boziljka.djikanovic@med.bg.ac.rs

Associations and Institutes

1. Association of Digestive Oncology of Serbia, Dr Krsta Todorovića 6, Belgrade, Serbia. Contact: ados.rsoncology@gmail.com
2. Association of Medical Oncologists of Serbia, Pastarova 14, Belgrade, Serbia, www.umos.org.rs/. Contact: umos.office@gmail.com
3. Serbian Society for Extracellular Vesicles, Prvomajska 44, Belgrade, Serbia, Contact: srbesvs.office@gmail.com
4. Serbian Genetics Society, Slobodana Rajčića 1, Belgrade, Serbia. Contact: genetika@jdg.genetika.org.rs
5. Asociación Española de Gastroenterología (AEG), Sor Angulo de la Cruz, 6, PA, 28020 Madrid, Spain. www.aegastro.es/. Contact: secretaria@aegastro.es
6. Societat Catalana de Digestologia (SCD), Acadèmia de Ciències Mèdiques i de la Salut de Catalunya i de Balears, Major de Can Carleu 1-7, 08017 Barcelona, Spain. https://www.scdigestologia.org/. Contact: maragratoc@scdacademia.cat
7. Asociación Española de Investigación sobre el Cáncer (ASEICA), Passage Batlló 10, 08036 Barcelona, Spain. www.aseica.es/. Contact: secretaria@aseica.es
8. Asociación Española de Genética Humana (AEGH), Universitat nº4, 4º, 46003 Valencia, Spain. www.aegh.org/. Contact: aegh@aygenetica.es
9. National and Kapodistrian University of Athens, Panepistimiou 30, Athens, Greece. Contact: www.uoa.gr/. sdirector@uoa.gr
10. Center for the Promotion of Science, 46 Kriolja Petra Street, 1058 Belgrade, Republic of Serbia. https://www.cpn.edu.rs/en/. Contact: centar@cpn.rs
11. Macedonian Academy of Sciences and Arts, Skopje, Republic of Macedonia. https://man.edu.mk/. Contact: Dr Katarina Devčeva, katarina@man.edu.mk
12. Centre for the Fourth Industrial Revolution, Katičevo 14, Belgrade, Serbia. https://c4irs.rs/en/home/. Contact: office@c4ir.rs
13. Health RI, Beatriceboulevard Joarbeurs, HI-FIVE: 5th floor, Joarbeursplein 6, Utrecht, the Netherlands. https://www.health-ri.nl/en/. Contact: info@health-ri.nl
14. Hellenic Society for Liquid Biopsy, National and Kapodistrian University of Athens, Athens, Greece. http://en.acto-kab.chem.uoa.gr/hellenic-society-of-liquid-biopsy.html. Contact: hslq@liquidbiopsy@gmail.com

Companies

1. GenoLab, Laboratory for Medical Biochemistry and Molecular Diagnostics, Kosovska 7, Novi Sad, Serbia, contact: info.genolab@gmail.com
2. STAB VIDA, LDA, Madan Parque, Rua das Inventores, Salas 218 e 219, 2825-182 Caparica - Portugal, contact: Dr Orfeu Flores, CEO, info@stabvida.com
3. DreanGenics, Finlandia, 2, P, 33010 Oviedo, Spain. www.dreangenics.com/. Contact: info@dreangenics.com
4. COBIOMIC BIOSCIENCE, Parque Científico Tecnológico de Córdoba, Rabanales 21, Calle Astrónoma Cecilia Payne D, 81, Edif. Centaurus, 14014 Córdoba, Spain. www.cobiomic.com/. Contact: info@cobiomic.com
5. EXELIUS Research Management & Communication, Kleistthous 187, 153 44, Athens, Greece. Contact: euprojects@exelius.com, https://www.exelius.com/
6. Biosample Hub, The Old School, The Quay, Carmarthen, SA31 3LN, UK. https://biosamplehub.org. Contact: r.hewitt@biosamplehub.org
7. NOVOS a.o., Partnership through science, Cara Dušana 207, 10080 Belgrade, Serbia. https://novos.rs/en/. Contact: novos@novos.co.rs
8. Genial, Knežević Zorke 2, Belgrade, Serbia. https://genial.rs/. Contact: novena@genialgenialis.com
9. Viaria, Batojini drum 10, 18, Belgrade, Serbia. https://viaria.com/. Contact: mpetrovic@viaria.com
10. Personal Genomic Diagnostics | iGenCorp, 3600 Boston Street, Suite 10, Baltimore, MD, USA. https://www.personalgenoma.com/. Contact: mark.souzan@igencorp.com
11. CeBioT GmbH, Paul-Ehrlich-Strasse 23, D-72076 Tübingen, Germany. https://cegot.com/. Contact: Dirk.Biskup@cegot.de
12. Mosaiques Diagnostics and Therapeutics AG, Rosenburger Str. 20 D-30659 Hannover, Germany. https://www.mosaiques-diagnostics.de/. Contact: mischok@mosaiques.de
13. MagliAI, GTC, local 6, D.E. 2102, 1000 Skopje, R. North Macedonia. https://itr.mk/en/magli-ai-personal-assistant-for-financial-organizations/. Contact: eflim@magli.ai

Twinning projects

1. Twinning for new Graphene-based Composites in Electromagnetic Interference Shielding, GRISHield, Grant agreement ID: 1007950, Contact: www.grishield.eu/contact/. Coordinator: Dr Svetlana Jovanovic, svetlana.jovanovic@vin.bg.ac.rs
2. Twinning to excel materials engineering for medical devices, ExcelMater, Grant agreement ID: 952031, Contact: www.excelmater.tmt.bg.ac.rs/contact/. Coordinator: Prof. Dr Bojana Obradovic, bojana@tmt.bg.ac.rs
3. Boosting excellence in environmental Epigenetics, EPiBOOST, Grant agreement ID: 1007899, Contact: www.epiboost.web.uq.pt/?page_jst=6447. Coordinator: Dr Joana Pereira, cojam@epiboost.uq.pt
4. Enhancement of Scientific Excellence and Innovation Potential in Electronic Instrumentation for Ionizing Radiation Environments, EUCSR, Grant agreement ID: 957558, Contact: www.eucsr-project.eu/contact.php. Coordinator: Prof. Dr Goran Stojanovic, goran.stojanovic@efk.rs.ac.rs
5. Boosting Institute of Chemistry Technology and Metallurgy in Water Biomonitoring, BICoWater, Grant agreement ID: 10079234. Contact: https://bioweb.uq.pt/ Coordinator: Dr Milos Cinc, cinc@tmm.bg.ac.rs
6. Twinning for reaching sustainable scientific and technological excellence in the field of Green Electronics, GREENEUT - 95747, https://greeneutproject.com/. Coordinator: Prof. Dr Goran Stojanovic, contact: sgoran@univ.rs
7. Twinning to skyrocket scientific excellence towards individual radiosensitivity prediction by raising the bar in knowledge transfer, networking and technological innovation in radiobiology, RadEiORBoost, Grant agreement ID: 10058832, Contact: www.radioriobioboost.com. Coordinator: Dr Ivana Matic, ivanamatc2019@gmail.com

Other Projects from the field

1. Modulation of gut LDC3 cells by a FFA2 agonist for the treatment of autoimmune disease (OUTROAD), Science Fund of the Republic of Serbia, IDEJ, https://gtaoai.rs/. Coordinator: Dr George Mijovic, Department of Immunology, Institute for Biological Research "Siniša Stanković" University of Belgrade, Serbia. Contact: georgija_mijovic@yahoo.com
2. Discovering the causes of three poorly understood cancers in Europe (Horizon Europe Mission on Cancer, DISCERN), https://discern.iarc.who.int/. Coordinators: Dr Paul Brennan, Dr Marc Gunter, International Agency for Research on Cancer. Contact: gunterm@iarc.who.int
3. The etiologic role of Epstein-Barr virus infection in Rheumatoid Arthritis and Systemic Lupus Erythematosus: Which viral marker could suggest triggering of autoimmune diseases? (NOLDS), Science Fund of the Republic of Serbia, PROMIS, https://nolnsproject.com/en/about. Coordinator: Prof. Dr Ana Banko, Institute of Microbiology and Immunology, Faculty of Medicine, University of Belgrade, Serbia. Contact: ana.banko@med.bg.ac.rs
4. Excellence Initiative for multi-robot-based therapeutics for healthy European society (ENSTEIN Horizon Europe Project), https://enesteinproject.com/. Coordinator: Prof. Dr. Goran Stojanovic, Faculty of Technical Sciences, University of Novi Sad, Serbia. Contact: sgoran@univ.rs
5. Elucidation of risk factors and health determinants associated with progression of Monoclonal Gammopathies to Multiple Myeloma (EMMMP), https://www.almu.eu/. Coordinator: Ieronymos Zisaki, Biomedical Research Foundation, Academy of Athens, National & Kapodistrian University of Athens, Contact: izisaki@bioacademy.gr
6. MASH-Tumour based prediction and manipulation of Immune Response (MULTIR), https://www.mulle.eu/. Coordinator: Use BOUSSEMMART, Service de Dermatologie du CHU de Nantes & Equipe BSEMI INCIT UMR 1302. Contact: use.boussemmart@chu-nantes.fr

Patient advocate associations

1. Digestive Cancers Europe, vzw/ovst, Rue de la Loi 235/21, 1040 Brussels, Belgium. www.digestivecancers.eu/. Contact: info@digestivecancers.eu
2. Asociación Española contra el Cáncer (AECC), Avenida Coronel Morera, 30, 28045 Madrid, Spain. https://aegestivescancers.com. Contact: informacion@asneccancer.es
3. Asociación de familiares con Síndrome de Lynch (AFALYNCH), Calle de Nicaragua 48, 08028 Barcelona, Spain. www.afalynch.org/. Contact: info@afalynch@gmail.com
4. Patients Association of Serbia, Orlova 28, Belgrade, Serbia. https://ustavnje-pacijenti.rs/. Contact: ustavnje.pacijenti@gmail.com
5. Center for palliative care and palliative medicine "BEOHOSPICE", 20. October 13, Belgrade, Serbia. https://beohospice.org/. Contact: office@beohospice.org

Thank you!

Ευχαριστώ
Dank je
Gracias
Hvala





Acknowledgements



INSTITUT ZA ONKOLOGIJU
I RADIOLOGIJU SRBIJE

INSTITUTE FOR ONCOLOGY AND RADIOLOGY OF SERBIA



**FUNDACIÓ DE RECERCA CLÍNIC BARCELONA-INSTITUT
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**BIOMEDICAL RESEARCH FOUNDATION
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