PARTNER SEARCH FORM

Your contact details

Organisation	Bar-Ilan University, Israel
Contact person	Dr. Merav Hayak
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Your organisation

Describe your Organisation	Higher Education Institution / Public Research University
Type of organisation	Bar-Ilan University is one of Israel's leading public research universities, combining academic excellence with community involvement and multicultural integration. The Faculty of Education is renowned for its cutting-edge research in educational technology, teacher training, early childhood education, special education, organizational leadership, and social-emotional learning.
List up to 5 keywords describing your sector or specialisation:	1. Artificial Intelligence in Education (AIEd / GenAI / ChatGPT in K-12) 2. Teacher Education & School 3. Early Childhood & Special Education AI Tools (Co-design & Clinical Practice) 4. Digital Game-Based Learning (DGBL) & Educational Technology Innovation 5. Climate Change Education

Your experience

Have you already participated in an EU funded project?	Submitted a Marie Skłodowska-Curie Actions (MSCA) Postdoctoral Fellowship proposal ("Venturing into the Future: AI & AR Solutions for Climate Action", score: 80/100). Experience in international collaborative research projects, including Postdoctoral Fellowship at Teachers College, Columbia University (Center for Sustainable Futures), and joint international courses.

Your offered expertise and contribution

HEU call topic(s) of relevance	HORIZON-CL2-2027-01-TRANSFO-05: Effective use of AI in pre-primary and primary learning environments
Your offered contribution	Work Package Leader / Consortium Partner (Focusing on Pedagogical Validation, Teacher Training & Capacity Building, Early Childhood / Special Education AI Co-design, or Ethical & Inclusive AI Implementation)
Your offered role (Coordinator, Work package leader or partner)	Dr. Merav Hayak offers comprehensive research expertise directly aligned with the goals of HORIZON-CL2-2027-01-TRANSFO-05: • Pedagogical Validation & Qualitative/Mixed-Methods Evaluation: Rigorous evaluation of AI tools (including GenAI, chatbots, and adaptive learning platforms) in pre-primary and primary school environments, measuring pedagogical impact, student agency, and learning outcomes (Winner of Best Paper Award in *Education Sciences* for ChatGPT research). • Early Childhood & Special Needs AI Integration: Co-designing and testing hybrid GenAI models and chatbots tailored for early childhood education and special needs settings, fostering adaptive teaching and diagnostic skills. • Teacher Professional Development & Leadership: Developing training protocols for pre-service and in-service teachers, building digital resilience, and establishing Professional Learning Communities (PLCs) to ensure sustainable, ethical AI adoption in schools. Multicultural & Equity-Driven Education: Expertise in implementing EdTech and AI in multicultural, diverse, and underserved school contexts (e.g., Jewish and Arab/Bedouin sectors in Israel), addressing equity and the digital divide.