

## Special Issue

# Human-Centered and Inclusive Design: The Role of HCI in Designing for Health Systems

### Message from the Guest Editor

Digital health technologies can improve accessibility and personalization but may also exclude vulnerable populations if not intentionally designed. This Special Issue explores how **Human-Computer Interaction (HCI)** can promote health inclusivity—from co-design methods to developing usable, trustworthy healthcare systems. We welcome **original research, reviews, and case studies** on topics such as:

- **Community-Based & Participatory Design** – Engaging underserved groups in health tech development.
- **Accessibility & Inclusive Design** – Interfaces for diverse literacy, physical, and cognitive needs.
- **Human-in-the-Loop Systems** – Balancing patient autonomy and provider collaboration.
- **Low-Resource Environments** – Solutions for limited connectivity or older devices.
- **Health Literacy Strategies** – Clear, actionable health information design.
- **Impact Evaluation** – Measuring how inclusive tech reduces disparities.

We look forward to your submissions.

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### Guest Editor

Prof. Dr. Ana Carolina Bertoletti De Marchi  
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## Healthcare

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CiteScore 5.5  
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## About the Journal

### Message from the Editor-in-Chief

*Healthcare* is an international, peerreviewed, open access, multidisciplinary journal. Original research articles, short communications, review articles, and symposium highlights are welcomed.

*Healthcare* hopes to influence global health and disease aspects, and hopes to gain high visibility and acceptance by the scientific and healthcare community and will dedicate itself to covering special and specific topics in special issues.

We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Lorraine S. Evangelista

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#### Journal Rank:

JCR - Q1 (Health Policy and Services) / CiteScore - Q1 (Leadership and Management)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.4 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).