

# The Evolving Digital Landscape of Social Media Among Rheumatology Professionals: Results of the EULAR SoMeR Study Group Survey

**Authors:** \*Latika Gupta,<sup>1-3</sup> Manali Sarkar,<sup>4</sup> Jeffrey A. Sparks,<sup>5</sup> Loreto Carmona,<sup>6</sup> Taanya Talreja,<sup>7</sup> Vikas Agarwal,<sup>8</sup> Carlos Vinicio Caballero-Urbe,<sup>9</sup> Dzifa Dey,<sup>10</sup> Christopher Edwards,<sup>11</sup> Francis Berenbaum,<sup>12</sup> Elena Nikiforou,<sup>13-15</sup> on behalf of the Social Media for Rheumatology (SoMeR) Study Group

1. Department of Rheumatology, Royal Wolverhampton Hospitals NHS Trust, UK
2. School of Infection, Inflammation and Immunology, College of Medicine and Health, University of Birmingham, UK
3. Francis Crick Institute, London, UK
4. Sir H. N. Reliance Foundation Hospital and Research Centre, Mumbai, India
5. Division of Rheumatology, Inflammation, and Immunity, Brigham and Women's Hospital and Harvard Medical School, Boston, Massachusetts, USA
6. Instituto de Salud Musculoesquelética (INMUSC), Madrid, Spain
7. Seth G.S. Medical College and King Edward Memorial Hospital, Mumbai, India
8. Department of Clinical Immunology and Rheumatology, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India
9. Department of Medicine, Hospital Universidad del Norte, Barranquilla, Colombia
10. Rheumatology Unit, Department of Medicine and Therapeutics, University of Ghana School of Medical School, College of Health Sciences, Accra, Ghana
11. Department of Rheumatology and NIHR Clinical Research Facility, University Hospital Southampton NHS Foundation Trust, UK
12. Department of Rheumatology, Sorbonne University, INSERM CRSA, AP-HP Saint-Antoine hospital, Paris, France
13. Centre for Rheumatic Diseases, King's College London, UK
14. Rheumatology Department, King's College Hospital, London, UK
15. Centre for Education, King's College London, UK

\*Correspondence to [drlatikagupta@gmail.com](mailto:drlatikagupta@gmail.com)

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## BACKGROUND AND AIMS

Social media (SM) has become an indispensable tool in healthcare, providing platforms for networking and education. However, its use presents challenges, including misinformation, professional boundaries, and platform-specific limitations. Building upon the Emerging European Alliance of Associations for Rheumatology (EULAR) Network survey, the authors aimed to characterize SM utilization within rheumatology globally.<sup>1</sup>

## METHODS

The EULAR study group on social media (SoMeR) convened in March 2024 with global, multiprofessional representation. A 30-item survey was designed, validated, translated into six languages, and distributed via mailing lists and SM channels (the Emerging EULAR Network, the Pan-American League of Associations for Rheumatology [PANLAR] Joven, the Africa League of Associations for Rheumatology [AFLAR], and the Asia Pacific League of Associations for Rheumatology [APLAR] Young Rheumatology). Analysis employed the Human Development Index (HDI)

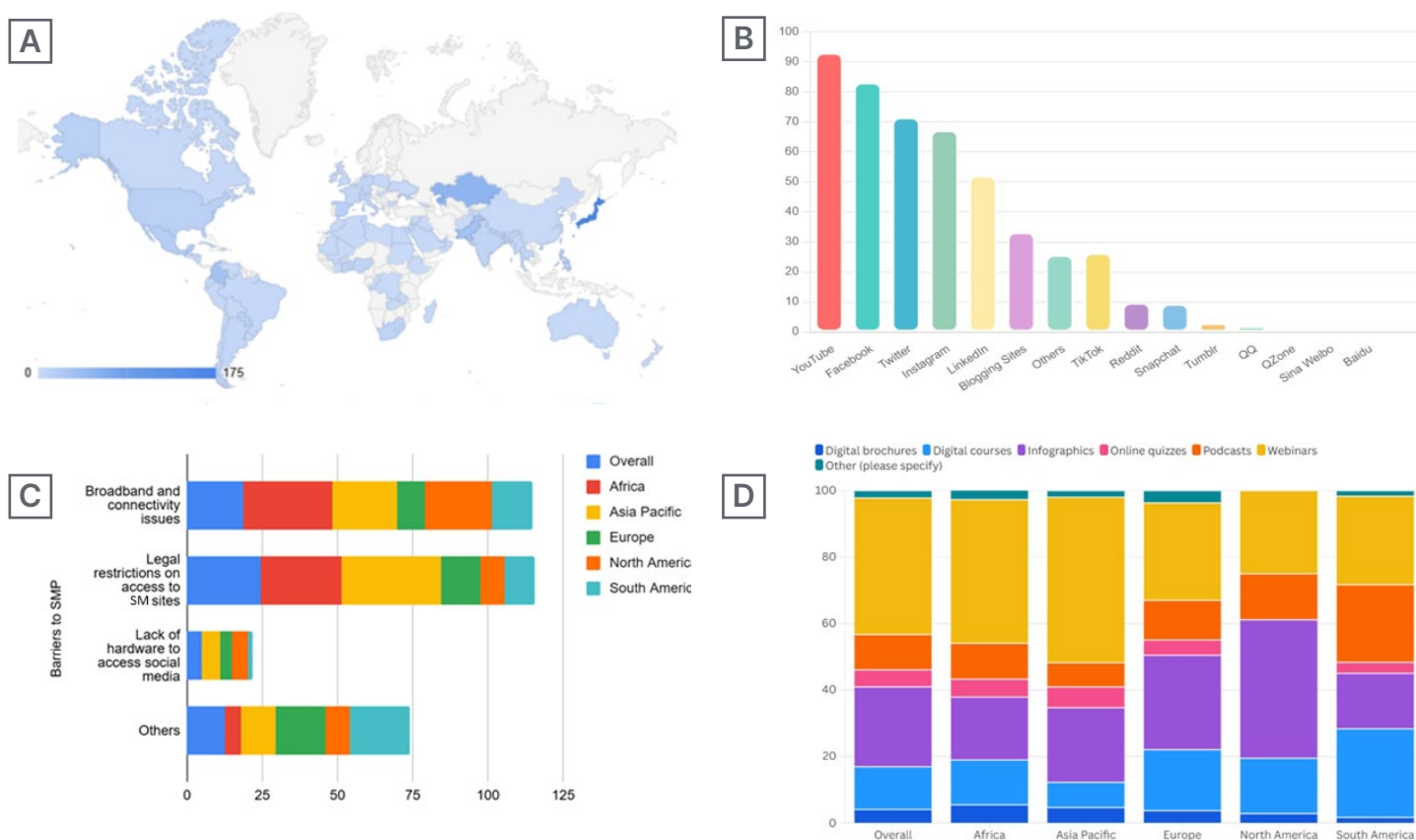
and Internet Freedom Index (IFI) to assess digital divides.

## RESULTS

The survey received 840 respondents, among whom 597 used SM (42.2% female; [Figure 1A](#)). SM adoption varied by region: Europe (97.3%) versus Asia-Pacific (88.6%). The top

platforms used were YouTube (Google LLC, San Bruno, California, USA), Facebook (Meta Platforms, Menlo Park, California, USA), X (formerly Twitter; X Corp, Bastrop, Texas, USA), Instagram (Meta Platforms, Menlo Park, California, USA), and LinkedIn (Microsoft, Sunnyvale, California, USA; [Figure 1B](#)). Lower HDI regions reported more connectivity issues (28.1% versus 16.7%), while higher HDI regions cited legal restrictions (24.4%; [Figure 1C](#)).

**Figure 1: Social media use among rheumatology professionals.**



**A)** Worldwide distribution of respondents. **B)** Choice of social media platform by respondents. **C)** Regional barriers to the use of social media. **D)** Format for course on social media learning event in medicine.

SM: Social media; SMP: social media platform.

Baidu: Baidu Inc., Beijing, China; Facebook: Meta Platforms, Menlo Park, California, USA; Instagram: Meta Platforms, Menlo Park, California, USA; LinkedIn: Microsoft, Sunnyvale, California, USA; QQ: Tencent Holdings Ltd., Shenzhen, China; QZone: Tencent Holdings Ltd., Shenzhen, China; Reddit: San Francisco, California, USA; Sina Weibo: Sina Corporation, Beijing, China; Snapchat: Santa Monica, California, USA; TikTok: Los Angeles, California, USA; Tumblr: Automattic Inc., San Francisco, California, USA; Twitter (now known as X), X Corp., Bastrop, Texas, USA; YouTube, Google LLC, San Bruno, California, USA.

IFI analysis showed that countries with restricted internet freedom paradoxically reported a higher positive impact from SM (4.04/5.00 versus 3.86/5.00;  $p < 0.01$ ).

Longitudinal analysis (2015–2023) revealed trends toward professional applications and away from networking functions. Respondents increasingly reported feeling overwhelmed by SM content (56.9%), particularly in South America and Africa (73.3% and 70.3%, respectively;  $p < 0.01$ ). Interest in digital communication was high (83.3%), with webinars being the preferred means of learning (41.1%; [Figure 1D](#)). Following these results, the SoMeR Study Group developed a consensus (“Declaration on the use of Social Media for Rheumatology professionals”) focusing on professional integrity, evidence-based communication, cohesive platforms, patient dignity, and inclusive engagement.<sup>2</sup>

## CONCLUSION

This survey demonstrates SM’s integral role in rheumatology with significant regional variations, calling for targeted interventions addressing connectivity and legal concerns. Through strategic engagement with SM, and while upholding professionalism and scientific integrity, rheumatology’s digital presence can be transformed from isolated efforts to a cohesive global community.

### References

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