**S1 Table. Eligibility criteria.** Detailed eligibility criteria of the systematic scoping review.

| Criterion   | Description                                                                                                                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Population  | **Inclusion:**  
- all ages and sexes; individuals in anticipation of, during or in the aftermath of an outbreak of a highly contagious emerging disease which include COVID-19, and other hazardous infectious diseases (e.g. viral hemorrhagic fevers)  
- Ebola epidemic outbreak also considered due to fact that Ebola fever belongs to the group of hazardous infectious diseases  
- irrespective of health status (e.g. healthcare professionals and crisis personnel; children and adolescents; community members; diseased people; people at elevated risk due to somatic conditions)  
**Exclusion:**  
- chronic infectious diseases (e.g. HIV/AIDS, tuberculosis, hepatitis B and C, malaria) |
| Intervention| **Inclusion:**  
- any psychological intervention intended to foster the adjustment (e.g. mental health, resilience, or related constructs) of individuals exposed or possibly exposed to pandemics or another hazardous infectious disease outbreak and/or to promote their mental health and psychosocial support in such situations  
- focus on improving the participants’ ability to cope with the various stressors of a pandemic (e.g. symptoms and death, quarantine)  
- any setting (e.g. individual or group setting)  
- any delivery format (e.g. face-to-face or online)  
- irrespective of content, theoretical foundation (e.g. cognitive-behavioral therapy, mindfulness) and duration  
- pharmacological (e.g. antidepressant therapy) and physical interventions (e.g. exercise) only if part of psychological training  
**Exclusion:**  
- psychological interventions to foster mental health or to promote self-management in people affected by chronic infectious diseases (e.g. HIV)  
- education interventions to provide knowledge on infectious diseases or to affect behavior change (e.g. hygiene education)  
- interventions aimed at increasing vaccination rates or at improving immune responses to influenza vaccine  
- psychological interventions to prevent or to reduce the symptom severity of acute respiratory infections (e.g. flu symptoms)  
- experimental studies to test the effect of health communication manipulation |
| Comparison       | No eligibility criteria |
|------------------|-------------------------|
| Outcome          | No eligibility criteria |

**Study design**

**Inclusion:**
- quantitative and qualitative studies focusing on or measuring the effects of the above-defined intervention as well as mixed-methods research designs (e.g. individual and cluster-RCTs, randomized studies, single-group studies, case studies or reports) in order to gain comprehensive view of existing interventions and the body of corresponding research

**Exclusion:**
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| Publication date | No restrictions |
|------------------|-----------------|
| Publication language | No restrictions |
| Publication format  | No restrictions |