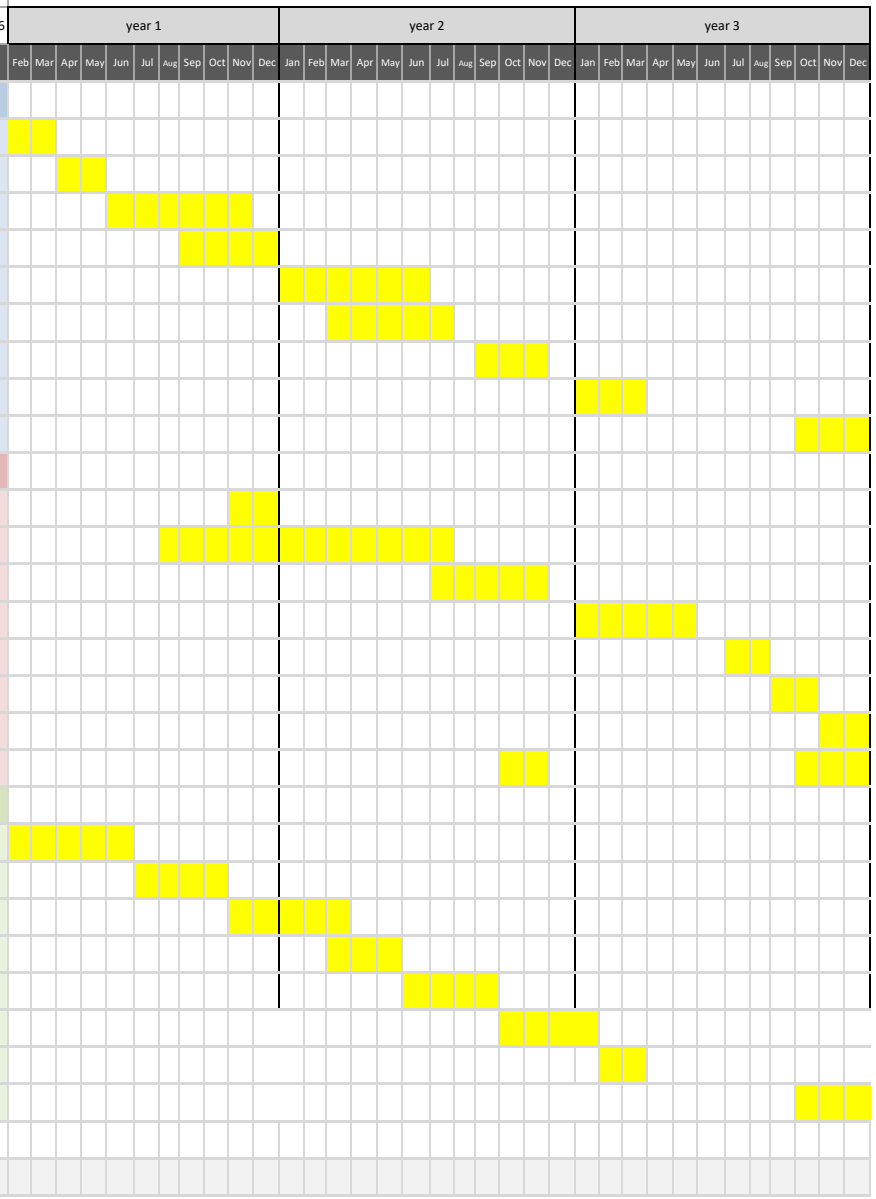
PROJECT TITLE: Evidence-based practice and policy to improve Antibiotic stewardship and reduce Antimicrobial Resistance in Central Asia

School: NUSOM

Project Investigator: PI: Yuliya Semenova, Co-PI: Lisa Lim, Co-PI: Larissa Makalkina

Project Start: Mon, 1/1/2024

Project End: Thu, 12/31/2026

TASK	ASSIGNED TO	START	END
PI (NU project team) Dr. Yuliya Semenova			
Task 1. To obtain NU IREC approval	Name	2/1/24	3/31/24
Task 2. To provide training to data collectors for the Objective 1 (sub-study 1 and 4) and Objective 2 (sub-stu	All team	6/1/24	6/30/24
Task 3. To collect the data for Objective 1 (sub-studies 1 and 4) and Objective 2 (sub-study 1)	holders, PhD students, MSc degree holder, Master student, and E	7/1/24	11/30/24
Task 4. To do data entry, cleaning, and pre-processing for Objective 2	lders, PhD students, MSc degree holder, Master student, and Ba	11/1/24	1/31/25
Task 5. To collect the data for Objective 1 (sub-studies 2 and 3)	holders, PhD students, MSc degree holder, Master student, and E	3/1/25	6/30/25
Task 6. To do data entry, cleaning, and analysis for Objective 1	lders, PhD students, MSc degree holder, Master student, and Ba	6/1/25	9/30/25
Task 7. To draft a manuscript about key factors influencing the non-prudent use of antibiotics at the commun	olders, PhD students, MSc degree holder, Master student, and E	9/1/25	11/30/25
Task 8. To draft a systematic review of systematic reviews about effectiveness of global strategies	holders, PhD students, MSc degree holder, Master student, and E	1/1/26	3/31/26
Task 9. To attend conferences to disseminate final results	All team	10/1/26	12/31/26
Co-PI (NU project team) Dr. Lisa Lim			
Task 1. To provide training to data collectors for the Objective 3 (sub-study 1) and Objective 5 (sub-study 2)	All team	11/4/24	12/20/24
Task 2. To conduct in-depth interviews with policymakers on the implemented policy measures and law enfo	e holders, PhD students, MSc degree holder, Master student, ar	8/1/24	6/30/25
Task 3. To conduct focus groups with stakeholders on the strategies that can be introduced in Kazakhstan	e holders, PhD students, MSc degree holder, Master student, an	7/1/25	11/30/25
Task 4. To transcribe, translate and analyze findings of the qualitative study (Sub-study 1 of Objective 3 and 5	lders, PhD students, MSc degree holder, Master student, and Ba	1/1/25	5/31/26
Task 5. To draft a manuscript on a qualitative study	holders, PhD students, MSc degree holder, Master student, and	7/1/25	9/30/26
Task 6. To present slide deck, report and results to the Ministries of Health and Finance, WHO, and partners	holders, PhD students, MSc degree holder, Master student, and	8/1/26	9/30/26
Task 7. To arrange a country-dialogue meeting to develop a national action plan	ee holders, PhD students, MSc degree holder, Master student, ar	11/1/26	12/30/26
Task 8. To attend conferences to disseminate final results	All team	9/1/26	12/30/26
Co-PI (Kazakhstani Institution project team) Dr. Larissa Makalkina			
Task 1. To conduct the desk literture review on the national legislation developed to assess the judiciousnus	ee holders, PhD students, MSc degree holder, Master student, a	3/1/24	6/30/24
Task 2. To obtain data for Objective 2, Sub-study 2	holders, PhD students, MSc degree holder, Master student, and	8/1/24	10/31/24
Task 3. To calculate consumption of antibiotics at the community level (Objective 2)	holders, PhD students, MSc degree holder, Master student, and	1/1/25	3/31/25
Task 4. To draft a manuscript about antibiotics consumption at the community and hospital levels in DDDs	holders, PhD students, MSc degree holder, Master student, and	3/1/25	5/31/25
Task 5. To analyze the national standards of care on the management of URTI , otitis and sinusitis	holders, PhD students, MSc degree holder, Master student, and I	6/1/25	9/30/25
Task 6. To conduct a systematic review of systematic reviews on worldwide strategies to promote more prud	ee holders, PhD students, MSc degree holder, Master student, a	10/1/25	1/31/26
Task 7. To scope the national legislative acts on antibiotics' surveillance.	e holders, PhD students, MSc degree holder, Master student, an	2/1/26	3/31/26
Task 8. To attend conferences to disseminate final results	All team	10/1/26	12/31/26
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