# ASSEL TERLIKBAYEVA, MD, MSSW Curriculum Vitae

### PERSONAL INFORMATION

Address: 33B, Shashkina Street Almaty, 050044 Kazakhstan

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### **EDUCATION**

MPH pending	University at Albany, School of Public Health, 2023
MSSW	Columbia University School of Social Work, 2003
MD	Almaty Medical University, Internal Medicine, 2000

### Certificates

Hypothesis Testing in Public Health by Johns Hopkins University on Coursera. Certificate earned at Monday, March 23, 2020 1:49 PM GMT

"Epidemiology: The Basic Science of Public Health by The University of North Carolina at Chapel Hill on Coursera. Certificate earned at Wednesday, January 16, 2019 6:26 AM GMT".

"Summary Statistics in Public Health by Johns Hopkins University on Coursera. Certificate earned at Sunday, May 12, 2019 4:38 PM GMT".

### **Current and Past Positions**

2007-	Regional Director, Columbia University Global Health Research Center of Central Asia, Almaty, Kazakhstan
2018 -	President, Center for Scientific and Practical Initiatives
2019-2021.	Adjunct Research Scientist, Faculty of Social Work, Columbia University School of Social Work

2019 - 2020 Part-time Lecturer, Asfendiyarov Kazakh National Medical University (KNMU)

2018 - 2019 Part-time Lecturer, Al-Farabi Kazakh National University

### **Previous positions**

2004	Program Coordinator, HIV/AIDS prevention and intervention. American
	International Health Alliance (AIHA), Almaty, Kazakhstan
2003	Research Scientist, Republican AIDS Center, Almaty, Kazakhstan
2002	Research Intern, Social Intervention Group, New York, NY
2002	Program Intern, Doctors of the World, New York, NY
2001	Program Intern, Human Services Center, Outpatient Drug Treatment and
	Domestic Program, New York, NY
2000	Medical Intern, Toxicology Center, Emergency Hospital, Almaty, Kazakhstan

### Honors

2001 - 2003 Open Society Institute Graduate Fellowship to study for M.S in Social Work at Columbia University

### Memberships and committee assignments in professional societies

Advisory Board for the Ministry of Health Kazakhstan National Center of Skin and Infectious Diseases, member, 2019-current

International AIDS Society (IAS), 2010 - current

Almaty Social Insurance Fund, Advisory Board, member, 2021-current

Government Country Coordinating Committee to Fight AIDS, Tubersulosis, and Malaria, under the Prime Minister, member, 2014-2018, 2019-2022

# **Record of Grant Support:**

Record of Grant Support:		
Current		
2020 – 2023	Investigator, R34, AEGIDA: HIV self-testing intervention for women who exchange sex and inject or use drugs, US, NIDA	
2021 – 2023	Investigator, R34, JasSpark: HIV testing crowdsourced intervention for youth in Kazakhstan, US Fogarty	
2022 – 2024	Principal Investigator, Helping women from marginalized groups victims of gender-based violence, SVRI	
2021-2024	Investigator, Technical Assistance for PrEP national implementation, GFATM	
2021-2024	Investigator, Mitigating COVID-19 influence on key populations, GFATM	
2021-2022	Investigator, Assessing COVID 19 vaccination attitudes among PLWH in Kazakhstan, US Fogarty	
2018 – 2023	Investigator, R34, SMART COUPLES. A couple-based antiretroviral therapy adherence intervention for people who inject drugs in Kazakhstan. US NIDA	
2019 – 2022	Principal Investigator, Measuring the prevalence of isoniazid mono-resistance of Mycobacterium tuberculosis in Kazakhstan. <i>Becton Dickinson</i>	
Completed		
2016 –2021	Investigator, R01, UNI: Increasing Involvement of MSM in the Continuum of Care in Kazakhstan, US NIDA	
2018 – 2020	National Research Partner, SOS study: Multisite implementation study on community management of opioid overdose including the use of naloxone for preventing overdose deaths. UNODC/WHO	
2018 – 2020	Investigator, BeOnline, A Platform to Expand HIV Testing Among Men Who Have Sex With Men (MSM) and Transgender Individuals in Kazakhstan. Elton John AIDS Foundation	
2015 –2020	Investigator, BRIDGE: Improving HIV Service Delivery for People Who Inject Drugs in Kazakhstan, US NIDA	
2014 –2019	Investigator, NOVA: Evaluating a Microfinance Intervention for High Risk Women in Kazakhstan, US NIDA	
2013-2015	Investigator, Assessment of TB and risk factors for TB among labor migrants from Central Asia countries working in Kazakhstan, USAID	
2013-2015	Co-investigator, A computerized family-based HIV and drug abuse prevention program for adolescents in Kazakhstan, US NIDA	
2010 – 2014	Site Investigator, Mapping of eco-social and genetic factors of susceptibility to tuberculosis among the population of Kazakhstan, Ministry of Education and Science, Kazakhstan	
2009 - 2013	Co-investigator, Overdose Prevention Program for IDU in Almaty, Kazakhstan, Soros Foundation, Kazakhstan	
2009 - 2010	Co-investigator, Training: Research Ethics of working with Vulnerable Populations. Open Society Institute (OSI) Alumni Grant Program.	
2009 - 2011	Co-investigator, Sexual Health, HIV/AIDS, and Human Rights among Gay, Bisexual, and Other Men who have Sex with Men (MSM) in Almaty, Kazakhstan, Open Society Institute	

2009 - 2013	Co-investigator, HIV/STI risk among migrant workers in Kazakhstan. US National Institute of Mental Health
2008 -2013	Co-investigator, Couples-based HIV/STI Prevention for
	injecting drug users in Kazakhstan, US NIDA
2006 - 2008	Site Investigator, Marketplace Project: Examining correlates of HIV/STI
	among migrant market vendors. Columbia University School of Social
	Work & Institute for Social and Economic Research and Policy (ISERP)
2003 - 2006	Site Investigator, Project Renaissance, Couple-based HIV prevention with drug users in Kazakhstan. Pilot randomized controlled trial. US NIDA

### **Editorial Boards**

2018 – present ad hoc reviewer for:

Academic Editor, PLOS One

The Lancet

The Harm Reduction Journal

The Heliyon

Journal of Drug and Alcohol Dependence

International Health

# Publications:

## 2022

- Ward, Z., Stone, J., Bishop, C., Ivakin, V., Eritsyan, K., Deryabina, A., Terlikbayeva, A., ... & Vickerman, P. (2022). Costs and impact on HIV transmission of a switch from a criminalisation to a public health approach to injecting drug use in eastern Europe and central Asia: a modelling analysis. The Lancet HIV, 9(1), e42-e53.
- Walker, S., Dietze, P., Poznyak, V., Campello, G., Kashino, W., Dzhonbekov, D., ... & Terlikbayeva, A., Krupchanka, D. (2022). More than saving lives: Qualitative findings of the UNODC/WHO Stop Overdose Safely (SOS) project. *International Journal of Drug Policy*, 100, 103482.
- Dietze, P., Gerra, G., Poznyak, V., Campello, G., Kashino, W., Dzhonbekov, D., ...
   Terlikbayeva, A. & Busse, A. (2022). An observational prospective cohort study of
   naloxone use at witnessed overdoses, Kazakhstan, Kyrgyzstan, Tajikistan,
   Ukraine. Bulletin of the World Health Organization, 100(3), 187.
- McCrimmon, T., Sundelson, A., Darisheva, M., Gilbert, L., Hunt, T., Terlikbayeva, A., ... & El-Bassel, N. (2022). HIV Care Continuum Services for People Who Inject Drugs in Kazakhstan During COVID-19: A Qualitative Study of Service Provider Perspectives. Global Health: Science and Practice, 10(2).

- Paine, E. A., Lee, Y. G., Vinogradov, V., Zhakupova, G., Hunt, T., Primbetova, S., ... & Terlikbyeva, A., Wu, E. (2021). HIV stigma, homophobia, sexual and gender minority community connectedness and HIV testing among gay, bisexual, and other men and transgender people who have sex with men in kazakhstan. AIDS and Behavior, 25(8), 2568-2577.
- 6. Vélez-Grau, C., El-Bassel, N., McCrimmon, T., Chang, M., **Terlikbayeva**, A., Primbetova, S., ... & Witte, S. S. (2021). Suicidal ideation among women who engage in sex work and have a history of drug use in Kazakhstan. *Mental Health & Prevention*, *23*, 200208.

- 7. Jiwatram-Negrón, T., Meinhart, M., Primbetova, S., **Terlikbayeva**, A., & El-Bassel, N. (2021). Examining the association between intimate partner violence and suicidal ideation among women living with HIV in a low-and middle-income country. *Journal of Aggression, Maltreatment & Trauma*, *30*(9), 1148-1166.
- 8. El-Bassel, N., McCrimmon, T., Mergenova, G., Chang, M., **Terlikbayeva**, A., Primbetova, S., ... & Witte, S. S. (2021). A cluster-randomized controlled trial of a combination HIV risk reduction and microfinance intervention for female sex workers who use drugs in Kazakhstan. *Journal of the International AIDS Society*, *24*(5), e25682.
- Marotta, P. L., Terlikbayeva, A., Gilbert, L., Davis, A., Wu, E., Metsch, L., ... & El-Bassel, N. (2021). Dyadic analysis of criminal justice involvement and hiv risks among couples who inject drugs and their intimate partners in almaty, kazakhstan. *International Journal* of *Drug Policy*, 87, 102950.
- 10. Yang, L. S., Witte, S. S., Vélez-Grau, C., McCrimmon, T., **Terlikbayeva**, A., Primbetova, S., ... & El-Bassel, N. (2021). The Financial Lives and Capabilities of Women Engaged in Sex Work: Can Paradoxical Autonomy Inform Intervention Strategies?.
- 11. World Health Organization. (2021). UNODC-WHO Stop-Overdose-Safely (SOS) project implementation in Kazakhstan, Kyrgyzstan, Tajikistan and Ukraine: summary report.

- El-Bassel, N., Pala, A. N., Mukherjee, T. I., McCrimmon, T., Mergenova, G.,
   Terlikbayeva, A., ... & Witte, S. S. (2020). Association of violence against female sex workers who use drugs with nonfatal drug overdose in Kazakhstan. *JAMA network open*, 3(10), e2020802-e2020802.
- 13. Vélez-Grau, C., El-Bassel, N., McCrimmon, T., **Terlikbayeva**, A., Primbetova, S., Mergenova, G., ... & Witte, S. S. (2020). 'I never hoped for anything... now I have other plans': The role of microfinance in HIV intervention for women who use drugs and engage in sex work in Kazakhstan. *International Social Work*, 0020872820917737.
- 14. Darisheva, M., Tracy, M., **Terlikbayeva**, A., Zhussupov, B., Schluger, N., & McCrimmon, T. (2020). Knowledge and attitudes towards ambulatory treatment of tuberculosis in Kazakhstan. *BMC health services research*, *20*(1), 1-10.

- 15. McCrimmon, T., Gilbert, L., Hunt, T., **Terlikbayeva**, A., Wu, E., Darisheva, M., ... & Schackman, B. R. (2019). Improving HIV service delivery for people who inject drugs in Kazakhstan: study protocol for the Bridge stepped-wedge trial. *Implementation Science*, *14*(1), 62.
- 16. Ismayilova, L., **Terlikbayeva**, A., & Rozental, Y. (2019). Computerized intervention to prevent drug use among at-risk adolescents in Central Asia: preliminary family-level findings from a pilot mixed methods trial. *International Journal of Drug Policy*, 68, 75-85.
- 17. Stringer, Mukherjee, McCrimmon, **Terlikbayeva**, Primbetova, Darisheva, Hunt, Gilbert, El-Bassel (2019). Attitudes towards people living with HIV and people who inject drugs: A mixed method study of stigmas within harm reduction programs in
- 18. Kazakhstan (2019). International Journal of Drug Policy.
- **19.** Davis, A., Sarsembayeva, L., Gulyaev, V., Primbetova, S., **Terlikbayeva**, A., Mergenova, G., & Remien, R. H. (2019). If You Build It, Will They Use It? Preferences for Antiretroviral

Therapy (ART) Adherence Monitoring Among People Who Inject Drugs (PWID) in Kazakhstan. *AIDS and behavior*, 1-12.

- 20. Marotta, P. L., Gilbert, L., **Terlikbayeva**, A., Wu, E., & El-Bassel, N. (2018). Differences by sex in associations between injection drug risks and drug crime conviction among people who inject drugs in Almaty, Kazakhstan. *International Journal of Drug Policy*, *60*, 96-106.
- 21. Michalopoulos, L. M., Jiwatram-Negron, T., Gilbert, L., Shaw, S. A., Brelsford, A., **Terlikbayeva**, A., ... & El-Bassel, N. (2018). Traumatic Events and HIV Sexual Risk Behaviors Among Migrant and Non-Migrant Male Market Workers in Central Asia. *AIDS and Behavior*, 1-11.
- 22. Marotta, P. L., **Terlikbayeva**, A., Gilbert, L., Hunt, T., Mandavia, A., Wu, E., & El-Bassel, N. (2018). Intimate relationships and patterns of drug and sexual risk behaviors among people who inject drugs in Kazakhstan: A latent class analysis. *Drug and alcohol dependence*.
- 23. McCrimmon, T., Witte, S., Mergenova, G., **Terlikbayeva**, A., Primbetova, S., Kuskulov, A., ... & El-Bassel, N. (2018). Microfinance for women at high risk for HIV in Kazakhstan: study protocol for a cluster-randomized controlled trial. *Trials*, *19*(1), 187.
- 24. Davis, A., McCrimmon, T., Dasgupta, A., Gilbert, L., **Terlikbayeva**, A., Hunt, T., ... & El-Bassel, N. (2018). Individual, social, and structural factors affecting antiretroviral therapy adherence among HIV-positive people who inject drugs in Kazakhstan. *International Journal of Drug Policy*, *62*, 43-50.
- 25. Mergenova, G., El-Bassel, N., McCrimmon, T., **Terlikbayeva**, A., Primbetova, S., Riedel, M., ... & Witte, S. S. (2018). Project Nova: A Combination HIV Prevention and Microfinance Intervention for Women Who Engage in Sex Work and Use Drugs in Kazakhstan. *AIDS and Behavior*, 1-14.
- 26. Ismayilova, L., & **Terlikbayeva**, A. (2018). Building competencies to prevent youth substance use in Kazakhstan: mixed methods findings from a pilot family-focused multimedia trial. *Journal of Adolescent Health*, 63(3), 301-312.
- 27. Marotta, P., El-Bassel, N., **Terlikbayeva**, A., Mergenova, G., Primbetova, S., Wu, E., & Gilbert, L. (2018). Sexual Risks and Policing among Male Migrant and Non-migrant Market Vendors in Central Asia. *Journal of Urban Health*, *95*(1), 116-128.
- 28. Gilbert, L., Hunt, T., Primbetova, S., **Terlikbayeva**, A., Chang, M., Wu, E., ... & El-Bassel, N. (2018). Reducing opioid overdose in Kazakhstan: A randomized controlled trial of a couple-based integrated HIV/HCV and overdose prevention intervention "Renaissance". *International Journal of Drug Policy*, *54*, 105-113.
- 29. Jiwatram-Negrón, T., El-Bassel, N., Primbetova, S., & **Terlikbayeva**, A. (2018). Gender-Based Violence Among HIV-Positive Women in Kazakhstan: Prevalence, Types, and Associated Risk and Protective Factors. *Violence against women*, *24*(13), 1570-1590.
- **30.** Gilbert, L., Michalopolous, L., Ma, X., Jiwatram-Negrón, T., **Terlikbayeva**, A., Primbetova, S., ... & Mergenova, G. (2018). How do risk environment factors influence perpetration of partner violence among male migrant and non-migrant market workers in central Asia?. *Journal of urban health*, 1-13.

- 31. Kumparatana, P., Cournos, F., **Terlikbayeva**, A., Rozental, Y., & Gilbert, L. (2017). Factors associated with self-rated health among migrant workers: results from a population-based cross-sectional study in Almaty, Kazakhstan. *International journal of public health*, *62*(5), 541-550.
- 32. Hermosilla, S., You, P., Aifah, A., Abildayev, T., Akilzhanova, A., Kozhamkulov, U., ... & **Terlikbayeva**, A., El-Bassel, N. (2017). Identifying risk factors associated with smear positivity of pulmonary tuberculosis in Kazakhstan. *PloS one*, *12*(3), e0172942.
- 33. Davis, A., **Terlikbayeva**, A., Terloyeva, D., Primbetova, S., & El-Bassel, N. (2017). What Prevents Central Asian Migrant Workers from Accessing HIV Testing? Implications for Increasing HIV Testing Uptake in Kazakhstan. *AIDS and Behavior*, 1-9.
- **34.** Davis, A., **Terlikbayeva**, A., Aifah, A., Hermosilla, S., Zhumadilov, Z., Berikova, E., ... & El-Bassel, N. (2017). Risks for tuberculosis in Kazakhstan: implications for prevention. *The International Journal of Tuberculosis and Lung Disease*, *21*(1), 86-92.

- 35. Wu, E., **Terlikbayeva**, A., Hunt, T., Primbetova, S., Lee, Y. G., & Berry, M. (2016). Preliminary Population Size Estimation of Men Who Have Sex With Men in Kazakhstan: Implications for HIV Testing and Surveillance. *LGBT health*.
- 36. Shaw, S. A., **Terlikbayeva**, A., Famouri, L., Hunt, T., Gilbert, L., Rozental, Y., ... & El-Bassel, N. (2016). HIV testing and access to HIV medical care among people who inject drugs and their intimate partners in Kazakhstan. *Journal of Substance Use*, 1-7.
- 37. Mergenova, G., Shaw, S. A., **Terlikbayeva**, A., Gilbert, L., Gensburg, L., Primbetova, S., & El-Bassel, N. (2016). Social Support and HIV Risks Among Migrant and Non-Migrant Market Workers in Almaty, Kazakhstan. *Journal of immigrant and minority health*, 1-9.
- 38. Smolak, A., El-Bassel, N., Malin, A., **Terlikbayeva**, A., & Samatova, S. (2016). Sex workers, condoms, and mobility among men in Uzbekistan: implications for HIV transmission. *International journal of STD & AIDS*, *27*(4), 268-272.
- 39. Famouri, M. L., Shaw, S. A., **Terlikbayeva**, A., Gilbert, L., Hunt, T., Rozental, Y., & El-Bassel, N. (2016). Partner notification among HCV-positive couples who inject drugs. *Journal of Substance Use*, *21*(1), 78-84.
- 40. Shaw, S. A., El-Bassel, N., Gilbert, L., **Terlikbayeva**, A., Hunt, T., Primbetova, S., ... & Chang, M. (2016). Depression among people who inject drugs and their intimate partners in Kazakhstan. *Community mental health journal*, *52*(8), 1047-1056.
- 41. El-Bassel, N., Gilbert, L., Shaw, S. A., Mergenova, G., **Terlikbayeva,** A., Primbetova, S., ... & West, B. (2016). The silk road health project: how mobility and migration status influence HIV risks among male migrant workers in Central Asia. *PloS one*, *11*(3), e0151278.
- **42.** Zhussupov, B., Hermosilla, S., **Terlikbayeva**, A., & Aifah, A. (2016). Risk Factors for Primary Pulmonary TB in Almaty Region, Kazakhstan: A Matched Case-Control Study. *Iranian journal of public health*, *45*(4), 441.

- 43. Gilbert, L., Shaw, S., **Terlikbayeva**, A., McCrimmon, T., Zhussupov, B., & Ismayilova, L. (2015). Intimate partner violence and HIV risks among migrant women in Central Asia. *Journal of AIDS and clinical research*, *6*(3), e1000428-e1000428.
- 44. Zhussupov, B., McNutt, L. A., Gilbert, L., **Terlikbayeva**, A., & El-Bassel, N. (2015). Migrant workers in Kazakhstan: gender differences in HIV knowledge and sexual risk behaviors. *AIDS and Behavior*, *19*(7), 1298-1304.
- 45. El-Bassel, N., Shaw, S. A., Mergenova, G., Ismayilova, L., McCrimmon, T., **Terlikbayeva**, A., & Gilbert, L. (2015). Masculinities and social contexts of HIV risk practices among Central Asian male migrant workers. *Journal of AIDS and Clinical Research*, *6*(7).
- 46. Gilbert, L., Raj, A., Hien, D., Stockman, J., **Terlikbayeva**, A., & Wyatt, G. (2015). Targeting the SAVA (Substance Abuse, Violence, and AIDS) Syndemic Among Women and Girls: A Global Review of Epidemiology and Integrated Interventions. *Journal of acquired immune deficiency syndromes* (1999), 69(0 2), S118-27.
- 47. Hermosilla, S., El-Bassel, N., Aifah, A., **Terlikbayeva**, A., Zhumadilov, Z., Berikkhanova, K., ... & Galea, S. (2015). Tuberculosis report among injection drug users and their partners in Kazakhstan. *Public health*, *129*(5), 569-575.

- 48. El-Bassel, N., Gilbert, L., Beyrer, C., **Terlikbayeva**, A., Wu, E., Ma, X., ... & Primbetova, S. (2014). HCV among Male Injection Drug Users and their Female Partners in Almaty, Kazakhstan: Implications for HCV Treatment and Prevention. *Journal of Therapy & Management in HIV Infection*, 2(1), 1-9.
- 49. Zhabagin, Maxat, Zhannur Abilova, Ayken Askapuli, Saule Rakhimova, Ulykbek Kairov, Kulzhan Berikkhanova, Assel **Terlikbayeva**, Meruert Darisheva, Arike Alenova, and Ainur Akilzhanova. "Vitamin D Receptor Gene Polymorphisms in Susceptibility to Tuberculosis in the Kazakh Population in Almaty and Almaty Area." *Central Asian Journal of Global Health* 2 (2014).
- 50. El-Bassel, N., Gilbert, L., **Terlikbayeva**, A., Beyrer, C., Wu, E., Chang, M., ... & Rozental, Y. (2014). Effects of a couple-based intervention to reduce risks for HIV, HCV, and STIs among drug-involved heterosexual couples in Kazakhstan: a randomized controlled trial. *Journal of acquired immune deficiency syndromes (1999), 67*(2), 196.
- 51. El-Bassel, N., Gilbert, L., **Terlikbayeva**, A., Beyrer, C., Wu, E., Shaw, S. A., ... & Primbetova, S. (2014). HIV risks among injecting and non-injecting female partners of men who inject drugs in Almaty, Kazakhstan: Implications for HIV prevention, research, and policy. *International Journal of Drug Policy*, *25*(6), 1195-1203.
- 52. Ismayilova, L., Lee, H. N., Shaw, S., El-Bassel, N., Gilbert, L., **Terlikbayeva**, A., & Rozental, Y. (2014). Mental health and migration: Depression, alcohol abuse, and access to health care among migrants in central Asia. *Journal of immigrant and minority health*, *16*(6), 1138-1148.

### 2013

53. Schluger, N. W., Terlikbayeva, A., El-Bassel, N., Darisheva, M., Hermosilla, S., Zhumadilov, Z., & Amirov, B. (2013). Risk Factors For Tuberculosis In Kazakhstan: A Case Control Study. In A48. TUBERCULOSIS IN VULNERABLE AND SPECIAL POPULATIONS (pp. A1662-A1662). American Thoracic Society.

- 54. Schluger, N. W., El-Bassel, N., Hermosilla, S., **Terlikbayeva**, A., Darisheva, M., Aifah, A., & Galea, S. (2013). Tuberculosis, drug use and HIV infection in Central Asia: an urgent need for attention. *Drug and alcohol dependence*, *132*, S32-S36.
- 55. **Terlikbayeva**, A., Zhussupov, B., Primbetova, S., Gilbert, L., Atabekov, N., Giyasova, G., ... & El-Bassel, N. (2013). Access to HIV counseling and testing among people who inject drugs in Central Asia: Strategies for improving access and linkages to treatment and care. *Drug and alcohol dependence*, *132*, S61-S64.
- 56. El-Bassel, N., Gilbert, L., **Terlikbayeva**, A., Beyrer, C., Wu, E., Shaw, S. A., ... & Primbetova, S. (2014). HIV risks among injecting and non-injecting female partners of men who inject drugs in Almaty, Kazakhstan: Implications for HIV prevention, research, and policy. *International Journal of Drug Policy*, *25*(6), 1195-1203.
- 57. El-Bassel, N., Gilbert, L., **Terlikbayeva**, A., Wu, E., Beyrer, C., Shaw, S., ... & Tukeyev, M. (2013). HIV among injection drug users and their intimate partners in Almaty, Kazakhstan. *AIDS and Behavior*, *17*(7), 2490-2500.
- 58. Gilbert, L., Primbetova, S., Nikitin, D., Hunt, T., **Terlikbayeva**, A., Momenghalibaf, A., ... & El-Bassel, N. (2013). Redressing the epidemics of opioid overdose and HIV among people who inject drugs in Central Asia: the need for a syndemic approach. *Drug and alcohol dependence*, *132*, S56-S60.
- 59. Boltaev, A. A., El-Bassel, N., Deryabina, A. P., **Terlikbaeva**, A., Gilbert, L., Hunt, T., ... & Strathdee, S. A. (2013). Scaling up HIV prevention efforts targeting people who inject drugs in Central Asia: a review of key challenges and ways forward. *Drug and alcohol dependence*, *132*, S41-S47.

- 60. **Terlikbayeva**, A., El-Bassel, N., Gilbert, L., Rozental, Y., Yegeubayeva, S., Ismailova, L., & Famouri, M. L. (2012). Seek, test and treat continuum among a cohort of injecting drug users (IDUs) and their sexual partners in HIV prevention project in Kazakhstan.
- **61.** Berry, M., Wirtz, A. L., Janayeva, A., Ragoza, V., **Terlikbayeva**, A., Amirov, B., ... & Beyrer, C. (2012). Risk factors for HIV and unprotected anal intercourse among men who have sex with men (MSM) in Almaty, Kazakhstan. *PloS one*, *7*(8), e43071.
- 62. **Terlikbayeva**, A., Hermosilla, S., Galea, S., Schluger, N., Yegeubayeva, S., Abildayev, T., ... & Sharman, A. (2012). Tuberculosis in Kazakhstan: analysis of risk determinants in national surveillance data. *BMC infectious diseases*, *12*(1), 262.
- 63. El-Bassel, N., Gilbert, L., **Terlikbayeva**, A., West, B., Bearman, P., Wu, E., ... & Brisson, A. (2011). Implications of mobility patterns and HIV risks for HIV prevention among migrant market vendors in Kazakhstan. *American journal of public health*, *101*(6), 1075-1081.
- 64. Gilbert, L., El-Bassel, N., **Terlikbayeva**, A., Rozental, Y., Chang, M., Brisson, A., ... & Bakpayev, M. (2010). Couple-based HIV prevention for injecting drug users in Kazakhstan: a pilot intervention study. *Journal of prevention & intervention in the community*, 38(2), 162-176.
- 65. El-Bassel, N., **Terlikbayeva**, **A**., Pinkham, S. (2010). HIV and Women who use drugs: A call to multi-level gender-focused HIV prevention strategies. The Lancet, 376(9738), 312-313.