Dear Mr Secretary-General,

The Forty-second Meeting of the World Health Organization (WHO) Expert Committee on Drug Dependence (ECDD) was convened from 21 to 25 October 2019 at WHO headquarters in Geneva. The objective of this meeting was to carry out an in-depth evaluation of psychoactive substances in order to determine whether WHO should recommend that these substances be placed under international control or if their level of control should be changed.

The Forty-second Meeting reviewed thirteen psychoactive substances, five of which are synthetic cannabinoids, four synthetic stimulants, two fentanyl analogues, and two benzodiazepines. In addition, the Meeting carried out a pre-review of preparations of acetyldihydrocodeine, codeine, dihydrocodeine, ethylmorphine, nicocodine, nicodicodine, norcodeine and pholcodine that are listed in Schedule III of the 1961 Convention on Narcotic Drugs.

With reference to Article 3, paragraphs 1 and 3 of the Single Convention on Narcotic Drugs (1961), as amended by the 1972 Protocol, and Article 2, paragraphs 1 and 4 of the Convention on Psychotropic Substances (1971), I am pleased to submit recommendations of the Forty-second Meeting of ECDD as follows:

**To be added to Schedule I of the Single Convention on Narcotic Drugs (1961):**

- **Crotonylfentanyl**  
  *chemical name*: (2E)-N-phenyl-N-[1-(2-phenylethyl)piperidin-4-yl]but-2-enamide

- **Valeryl fentanyl**  
  *chemical name*: N-phenyl-N-[1-(2-phenylethyl)piperidin-4-yl]pentanamide

ENCL:(1)
To be added to Schedule I of the Convention on Psychotropic Substances (1971):

- DOC
  chemical name: 1-(4-chloro-2,5-dimethoxyphenyl)propan-2-amine

To be added to Schedule II of the Convention on Psychotropic Substances (1971):

- AB-FUBINACA
  chemical name: N-[1-amino-3-methyl-1-oxobutan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide

- 5F-AMB-PINACA (5F-AMB, 5F-MMB-PINACA)
  chemical name: methyl 2-[[1-(5-fluoropentyl)-1H-indazole-3-carbonyl]amino]-3-methylbutanoate

- 5F-MDMB-PICA (5F-MDMB-2201)
  chemical name: methyl 2-[[1-(5-fluoropentyl)-1H-indole-3-carbonyl]amino]-3,3-dimethylbutanoate

- 4-F-MDMB-BINACA
  chemical name: methyl 2-[[1-(4-fluorobutyl)-1H-indazole-3-carbonyl]amino]-3,3-dimethylbutanoate

- 4-CMC (4-chloromethcathinone; ephedrone)
  chemical name: 1-(4-chlorophenyl)-2-(methylamino)propan-1-one

- N-ethylhexedrone
  chemical name: 2-(ethylamino)-1-phenylhexan-1-one

- Alpha-PHP
  chemical name: 1-phenyl-2-(pyrrolidine-1-yl)hexan-1-one

To be added to Schedule IV of the Convention on Psychotropic Substances (1971):

- Flualprazolam
  chemical name: 8-chloro-6-(2-fluorophenyl)-1-methyl-4H-benzo[6,7]1,2,4triazolo[4,3-a][1,4]diazepine

- Etizolam
  chemical name: 4-(2-chlorophenyl)-2-ethyl-9-methyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepine
His Excellency, Mr António Guterres  
Secretary-General of the United Nations, New York

To be kept under surveillance:

- **APINACA** (AKB-48)  
  chemical name: N-(adamantan-1-yl)-1-pentyl-1H-indazole-3-carboxamide

To proceed to critical review:

- Preparations of acetyldihydrocodeine, codeine, dihydrocodeine, ethylmorphine, 
  nicocodine, nicodicodine, norcodeine and pholcodine listed in Schedule III of the 1961 
  Single Convention on Narcotic Drugs

  The assessments and findings on which these recommendations are based are set out in detail 
  in the report of the Forty-second Meeting of the WHO Expert Committee on Drug Dependence. A 
  summary of the rationale of these recommendations is attached in Annex 1 of this letter.

  I am very pleased with the ongoing collaboration between WHO, the United Nations Office 
  on Drugs and Crime (UNODC) and the International Narcotics Control Board (INCB) and in 
  particular, how this collaboration has benefited the work of the WHO Expert Committee on Drug 
  Dependence and more generally, the implementation of the operational recommendations of the 
  United Nations General Assembly Special Session (UNGASS) 2016.

Yours sincerely,

[Signature]

Dr Tedros Adhanom Ghebreyesus  
Director-General