

# Online monitoring of new psychoactive substances 2015

Verena Angerer and Volker Auwärter

Institute of Forensic Medicine, Forensic Toxicology, Medical Center – University of Freiburg, Germany

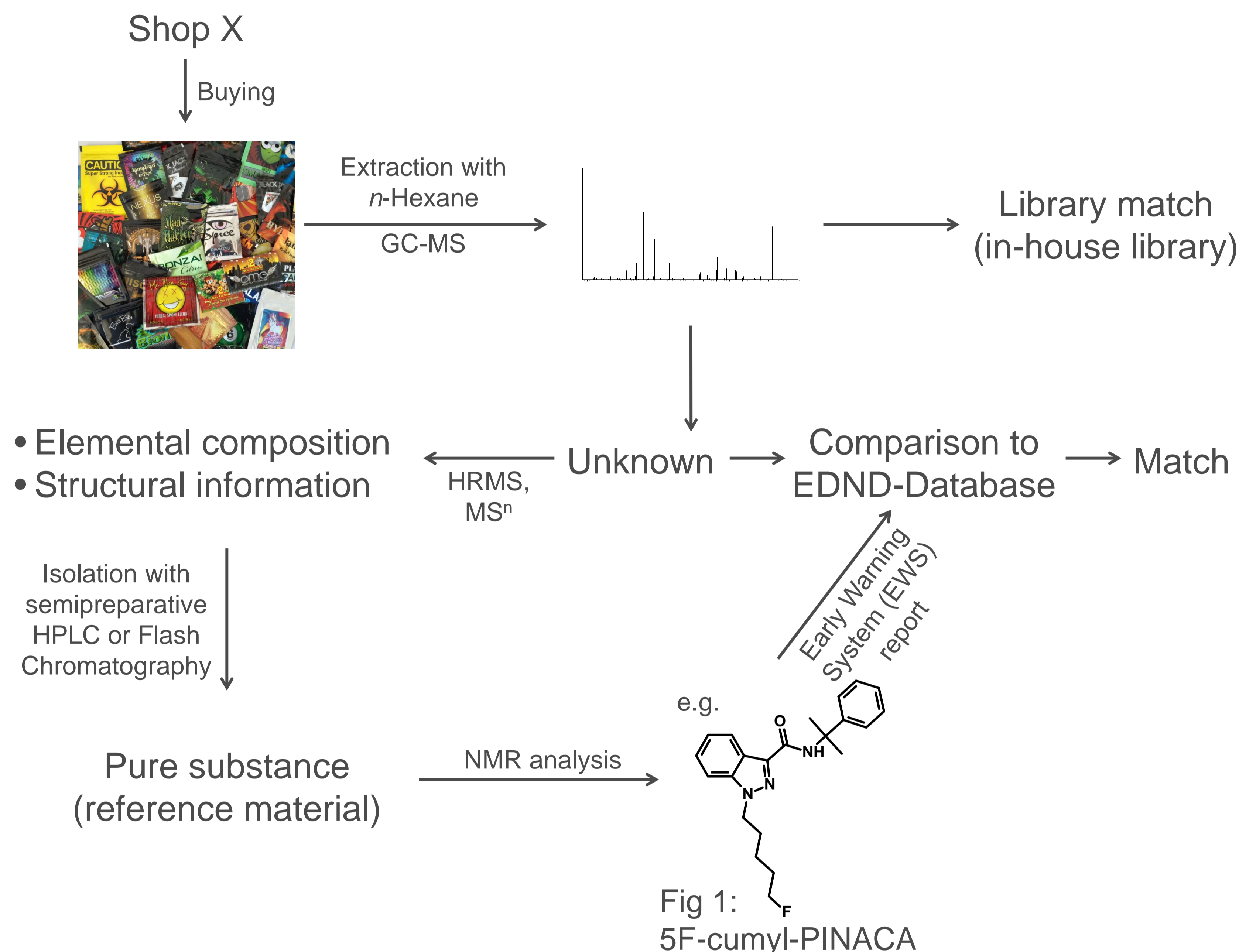


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## Introduction:

New psychoactive substances (NPS) are an integral part of the drug market since years now. They are offered mostly via the Internet and their ingredients are changing very quickly. Therefore, we are monitoring internet shops searchable with Google using the keywords 'herbal blend', 'research chemicals', 'bath salts' and 'plant feeder' systematically (January 2015 – June 2015).

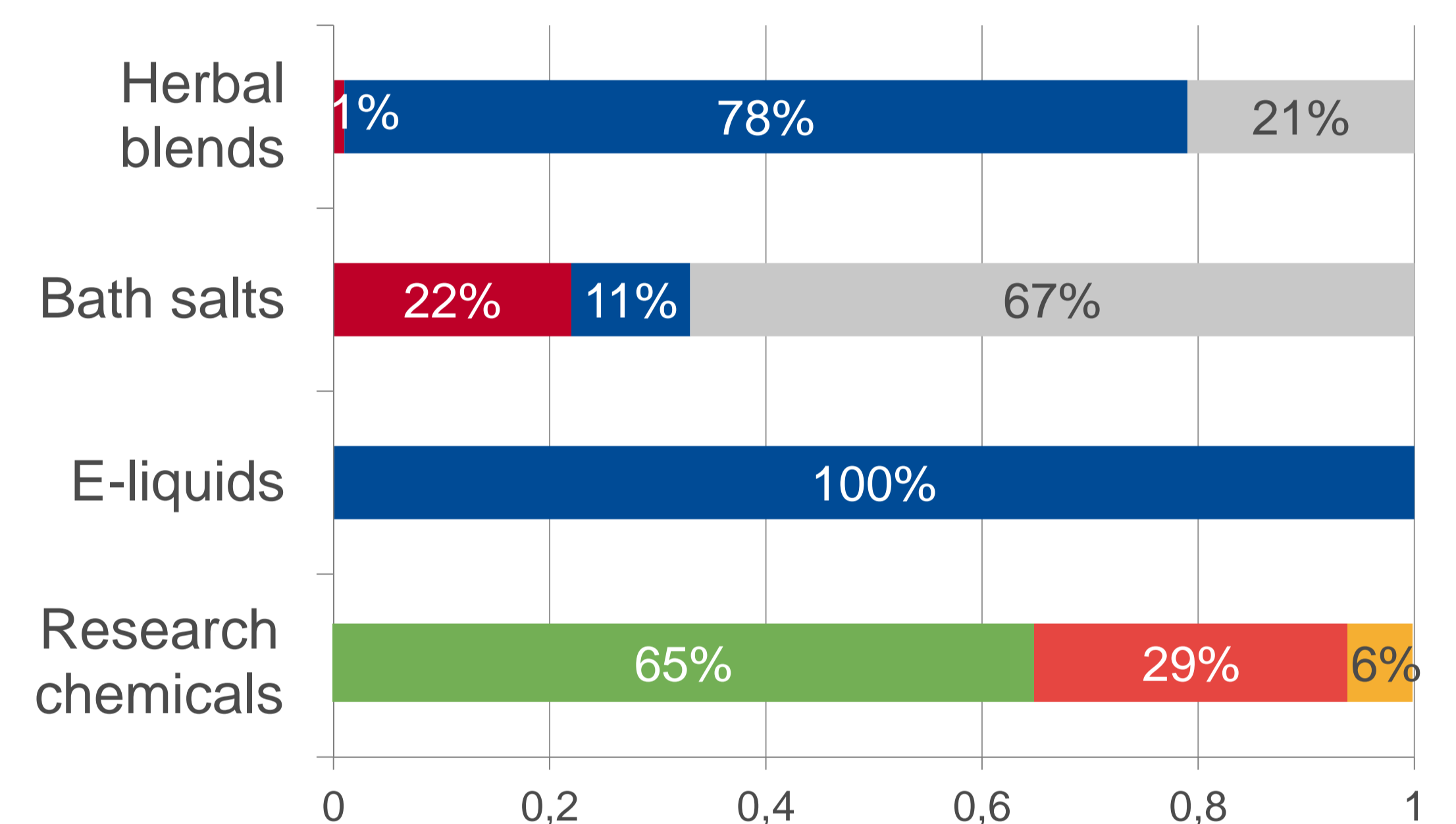
## Method



## Results

- Herbal blends:  
• Total number: 209
- E-liquids:  
• Total number: 7
- Bath salts:  
• Total number: 9
- Research chemicals:  
• Total number: 17

- negative ■ 1 substance ■ 2 or more substances  
■ correct declaration ■ wrong declaration  
■ right declaration + x



## Results

### Bath salts – substances:

- 3 x pentylone (combined with lidocaine, traces of 4-Methyl-N-ethylnor-pentedrone, 1 with fluoromethcathinone (positional isomers not differentiated))
- 2 x fluoromethcathinone (positional isomers not differentiated), combination with lidocaine, 1 with pentylone and 4-methyl-N-ethylnor-pentedrone (trace)
- 2 x fluorophenmetrazine (positional isomers not differentiated), combination with lidocaine, 1 with methiopropamine additionally

### E-liquids:

- 3 so called "C-Liquids" contained Cumyl-5F-PINACA
- 2 e-liquids contained AB-CHMINACA
- 2 e-liquids contained THJ-018

### Research chemicals – substances:

- 8 synthetic cannabinoids; 1 mixture (5F-AMB and AB-CHMINACA)
- 9 designer stimulants, no mixtures, 1 confusion (5-EAPB labelled as 5-MAPB and vice versa)

## Results

### herbal blends - substances:

- 81 herbal blends contained MDMB-CHMICA (63 of them exclusively)
- 61 AB-CHMINACA (42 of them exclusively)
- 18 ADB-CHMINACA (13 of them exclusively, 1st positive: April 2015)

## Conclusion

Drug users can never be sure of what they get when buying products containing new psychoactive substances, because the substances present in the products change from time to time and from shop to shop, even in the same brands. In addition, concentrations of the active ingredients show high variability both within one package and between packages.

## Acknowledgement:

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## References:

[1] European Monitoring Centre for Drugs and Drug Addiction (2015), *New psychoactive substances in Europe. An update from the EU Early Warning System (March 2015)*, Publications Office of the European Union, Luxembourg

## Contact:

Verena Angerer  
Institute of Forensic Medicine, Forensic Toxicology,  
Medical Center – University of Freiburg  
Albertstr. 9, 79104 Freiburg, Germany  
verena.angerer@uniklinik-freiburg.de  
Phone: 0049-761-203-6878