

#### **Advances in drug testing using capillary electrophoresis and native fluorescence**

**Bolkvadze, Vyacheslav; Saar-Reismaa, Piret; Kaljurand, Mihkel; Vaher, Merike; Gorbatsšova, Jelena; Mazina-Šinkar,**

**Jekaterina** V4 Symposium Flow Analysis & Capillary Electrophoresis : abstracts 2021 / p. 64

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#### **Analysis of psychoactive compounds in oral fluid by capillary electrophoresis = Psühhoaktiivsete ühendite analüüs süljes kapillaarelektroforeesi meetodil**

**Saar-Reismaa, Piret** 2020 <https://digikogu.taltech.ee/et/Item/b7a6fb1d-5df0-4250-afd4-8323e65f3b5c> kookuvõte: Uudne narkotester leiab

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#### **Analysis of total phenols, sugars, and mineral elements in colored tubers of solanum tuberosum L.**

**Saar-Reismaa, Piret; Kotkas, Katrin; Rosenberg, Viive; Kulp, Maria; Kuhtinskaja, Maria; Vaher, Merike** Foods 2020 / art. 1862

<https://doi.org/10.3390/foods9121862> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Antioxidative and anti-borrelia activity of phytochemicals in rubiaceae species**

**Laanet, Pille-Riin; Saar-Reismaa, Piret; Bragina, Olga; Jõul, Piia; Vaher, Merike** FEBS3+ Conference of Estonian, Latvian and

Lithuanian Biochemical Societies : abstract book : Tallinn, Estonia 15–17 June 2022 2022 / p. 104-105 [https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK\\_FEBS32022\\_Tallinn.pdf](https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK_FEBS32022_Tallinn.pdf)

#### **Antioxidative and anti-borrelia effects of plantago species**

**Laanet, Pille-Riin; Drošnova, Regina; Saar-Reismaa, Piret; Bragina, Olga; Vaher, Merike** Proceedings 2023 / art. 6

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#### **Authentication of medicinal cannabis by electrophoretic fingerprints**

**Mazina, Jekaterina; Saar-Reismaa, Piret; Kuhtinskaja, Maria; Kaljurand, Mihkel; Kulp, Maria; Vaher, Merike** 40th International

Symposium on Capillary Chromatography and 13th GC×GC Symposium : May 29 - June 03, 2016, Riva del Garda Fierecongressi, Riva del Garda, Italy : abstract book 2016 / p. 475

#### **Capillary electrophoresis as a monitoring tool for flow composition determination**

**Kaljurand, Mihkel; Saar-Reismaa, Piret; Vaher, Merike; Gorbatsšova, Jelena; Mazina-Šinkar, Jekaterina** Molecules 2021 / art.

4918, 12 p. : ill <https://doi.org/10.3390/molecules26164918> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Detection of banned chemicals in various matrices (saliva, sediments) by capillary electrophoresis**

**Kaljurand, Mihkel; Mazina, Jekaterina; Saar-Reismaa, Piret; Jõul, Piia; Lees, Heidi; Špiljova, Anastassija; Kulp, Maria;**

**Vaher, Merike** ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. L-36

#### **Detection of banned chemicals in various matrices (saliva, sediments) by capillary electrophoresis**

**Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina; Saar-Reismaa, Piret; Jõul, Piia; Lees, Heidi; Tretjakova, Anastassija; Kulp,**

**Maria; Vaher, Merike** 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 38 [http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts\\_Book\\_EcoBalt\\_2016.pdf](http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf)

#### **Determination of GHB and marijuana (THC, CBD) abuse in saliva by capillary electrophoresis**

**Mazina, Jekaterina; Saar-Reismaa, Piret; Špiljova, Anastassija; Kaljurand, Mihkel; Kulp, Maria; Vaher, Merike**

ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. YS-4

#### **Determination of γ-hydroxybutyric acid in saliva by capillary electrophoresis coupled with contactless conductivity and indirect UV absorbance detectors**

**Mazina, Jekaterina; Saar-Reismaa, Piret; Kulp, Maria; Kaljurand, Mihkel; Vaher, Merike** Electrophoresis 2015 / p. 3042-3049 :

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#### **Development of sensitive fluorescence detector for determination of cannabis abuse in saliva by capillary electrophoresis**

**Mazina, Jekaterina; Tretjakova, Anastassija; Saar-Reismaa, Piret; Gorbatsšova, Jelena; Kulp, Maria; Vaher, Merike; Erme,**

**Enn; Kaljurand, Mihkel** 18th International Symposium on Advanced in Extraction Technologies (ExTech'2016) & the 22nd

International Symposium on Separation Science (ISSS'2016), July 3-6, 2016, Torun, Poland : abstract book 2016 / p. 176-177

#### **Estonian honey as an anti-Borrelia agent**

**Laanet, Pille-Riin; Jõul, Piia; Saar-Reismaa, Piret; Bragina, Olga; Vaher, Merike** 17th International Scientific Conference "The

Vital Nature Sign" : abstract book 2023 / p. 56 <https://portalcris.vdu.lt/server/api/core/bitstreams/a4a6a213-9383-4153-9beb-4d13026e58e5/content>

#### **Extraction and fractionation of bioactives from Dipsacus fullonum L. leaves and evaluation of their anti-borrelia activity**

**Saar-Reismaa, Piret; Bragina, Olga; Kuhtinskaja, Maria; Reile, Indrek; Laanet, Pille-Riin; Kulp, Maria; Vaher, Merike**

Pharmaceuticals 2022 / 12 p. : ill <https://doi.org/10.3390/ph15010087> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Extraction of bioactive compounds from *Dipsacus fullonum* leaves using deep eutectic solvents****Saar-Reismaa, Piret; Koel, Mihkel; Tarto, Riin; Vaher, Merike** Journal of chromatography A 2022 / art. 463330<https://doi.org/10.1016/j.chroma.2022.463330> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)**In situ determination of illegal drugs in oral fluid by portable capillary electrophoresis with deep UV excited fluorescence detection****Saar-Reismaa, Piret; Erme, Enn; Vaher, Merike; Kulp, Maria; Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina** Analytical chemistry 2018 / p. 6253-6258 : ill <https://doi.org/10.1021/acs.analchem.8b00911> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)**Micellar electrokinetic chromatography method for the analysis of synthetic and phytocannabinoids****Laanet, Pille-Riin; Vaher, Merike; Saar-Reismaa, Piret** Journal of chromatography A 2022 / art. 463080<https://doi.org/10.1016/j.chroma.2022.463080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)**Narkotestri arendamine narkootikumide tuvastamiseks süljes****Saar-Reismaa, Piret; Erme, E.; Kulp, Maria; Gorbatsõva, Jelena; Kaljurand, Mihkel; Vaher, Merike; Mazina-Šinkar, Jekaterina** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 27[https://www.ester.ee/record=b5208044\\*est](https://www.ester.ee/record=b5208044*est)**Phytochemical screening and antioxidant activity of selected Estonian *Galium* species****Laanet, Pille-Riin; Saar-Reismaa, Piret; Jõul, Piia; Bragina, Olga; Vaher, Merike** Molecules 2023 / art. 2867<https://doi.org/10.3390/molecules28062867> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)**Rapid and sensitive capillary electrophoresis method for the analysis of Ecstasy in an oral fluid****Saar-Reismaa, Piret; Tretjakova, Anastassia; Mazina-Šinkar, Jekaterina; Vaher, Merike; Kaljurand, Mihkel; Kulp, Maria**Talanta 2019 / p. 390-396 : ill <https://doi.org/10.1016/j.talanta.2019.01.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)**Screening of Estonian plants for anti-borrelia phytochemicals****Laanet, Pille-Riin; Bragina, Olga; Saar-Reismaa, Piret; Vaher, Merike** 16th International Scientific Conference THE VITALNATURE SIGN : ABSTRACT BOOK : May 12th-13th, 2022 Kaunas, Lithuania 2022 / p. 68 [http://vns.microsep.org/wp-content/uploads/2022/05/VNS-2022\\_Abtract-book-FINAL.pdf](http://vns.microsep.org/wp-content/uploads/2022/05/VNS-2022_Abtract-book-FINAL.pdf)**Simultaneous determination of  $\gamma$ -hydroxybutyric acid, ibotenic acid and psilocybin in saliva samples by capillary electrophoresis coupled with a contactless conductivity detector****Saar-Reismaa, Piret; Kulp, Maria; Vaher, Merike; Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina** Analytical methods 2017 / p.3128-3133 : ill <https://doi.org/10.1039/C7AY00742F> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)**Use of a newly-developed portable capillary electrophoresis analyser to detect drugs of abuse in oral fluid: A case study****Saar-Reismaa, Piret; Brilla, Chelsa-Ann; Leiman, Kristiina; Kaljurand, Mihkel; Vaher, Merike; Kulp, Maria; Mazina-Šinkar, Jekaterina** Talanta 2020 / art. 120662, 9 p<https://doi.org/10.1016/j.talanta.2019.120662> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)**Use of neoteric solvents in biomass treatment****Vaher, Merike; Saar-Reismaa, Piret; Kuhtinskaja, Maria; Koel, Mihkel** Proceedings 2023 / art. 39<https://doi.org/10.3390/proceedings2023092039>