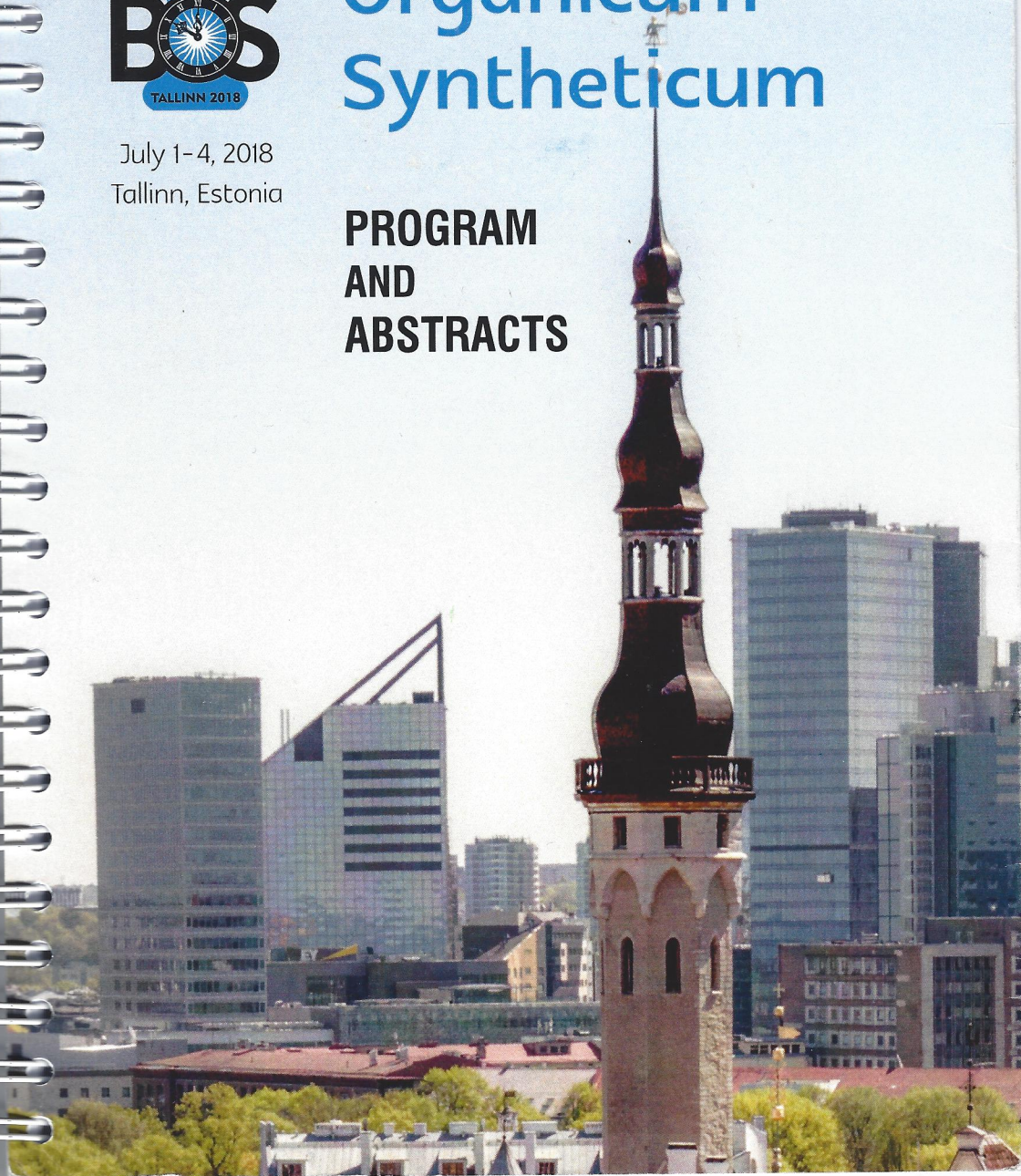


July 1-4, 2018
Tallinn, Estonia

Balticum Organicum Syntheticum

**PROGRAM
AND
ABSTRACTS**





PROGRAM

Sunday, July 1

From 11:00	Registration
11:30-13:30	Walking Tour in Old Town
13:15-13:45	Coffee
13:45-14:00	BOS committee welcome
14:00-15:00	PL1 Karl Scheidt
15:00-16:00	PL2 Joshua Dunetz
16:00-16:30	Coffee
16:30-17:30	PL3 Veronique Gouverneur
17:30-19:30	Welcome Reception

Monday, July 2

From 8:30	Registration
9:00-10:00	Opening ceremony
10:00-11:00	PL4 Dzmitry Kananovich
11:00-12:00	PL5 Virgil Percec
12:00-12:30	Group photo
12:30-14:00	Lunch
14:00-15:00	PL6 Paolo Melchiorre
15:00-16:00	PL7 Lauren Sirois
16:00-16:30	Coffee
16:30-17:30	PL8 Huw Davies
17:30-19:00	Poster session I
19:00-21:00	Walking Tour in Old Town

Tuesday, July 3

8:45-9:00	Welcome and updates
9:00-10:00	PL9 Pavel Arsenyan
10:00-11:00	PL10 Robert Grubbs
11:00-11:25	Coffee
11:25-11:35	Thieme presentation
11:35-12:35	Thieme lecturer: Ruben Martin
12:35-13:30	Lunch
13:30-14:30	PL11 Martin Maier
14:30-15:30	PL12 Cheng Yi Chen
15:30-16:00	CAS SciFinder coffee break
16:00-17:00	PL13 Jeffrey Seeman
17:00-18:30	Poster session II
19:30	Banquet at the House of the Blackheads

Wednesday, July 4

8:45-9:00	Welcome and updates
9:00-10:00	PL14 Vytautas Getautis
10:00-11:00	PL15 Martin Eastgate
11:00-11:30	Thieme Poster Prizes
11:30-13:00	Lunch
13:00-14:00	PL16 Jean Marie Lehn
14:00-15:00	PL17 Thomas Colacot
15:00-16:00	PL18 Antonio Togni
16:00-16:30	Closing



July 1-4, 2018
Tallinn, Estonia

Balticum Organicum Syntheticum

**PROGRAM
AND
ABSTRACTS**

Fluorescent Purine Hybrids Containing Five-Membered Heterocycles

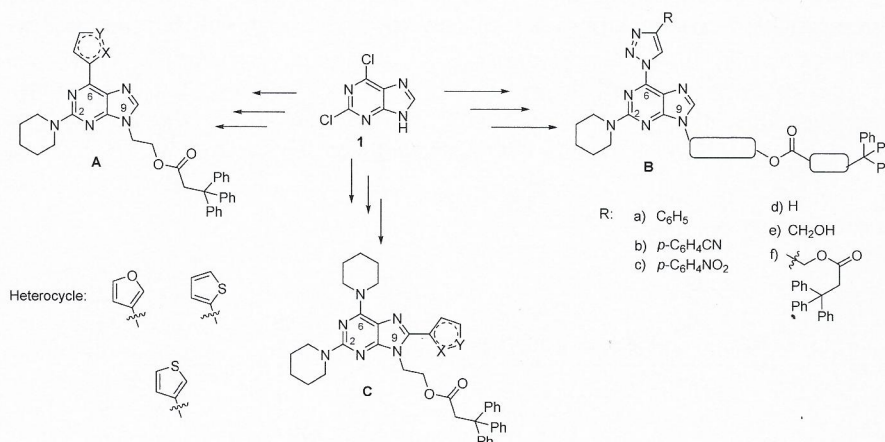
Zigfrīds Kapilinskis, Irina Novosjolova, Kaspars Traskovskis, Māris Turks

Faculty of Materials Science and Applied Chemistry, Riga Technical University, P. Valdena str. 3, Riga, LV-1048, Latvia

z.kapilinskis@gmail.com

Based on the results of previously published fluorescent triazolylpurine nucleosides [1], the synthesis of 6-triazolylpurine derivatives with amorphous groups at N(9) has been developed. Various electron donor and electron acceptor groups were introduced in purine structure to elevate fluorescence properties, while trityl group was used to increase the amorphous properties of the products [2].

Combination of S_NAr , CuAAC and Suzuki-Miyaura reactions produced the expected products that were studied for their photophysical properties.



Acknowledgements: This work was supported by ERDF project Nr. 1.1.1.1/16/A/131. Dr. A. Vembris is acknowledged for the photophysical measurements and calculations.

References: [1] Kovaļovs, A.; Novosjolova, I.; Bizdēna, Ē.; Bižāne, I.; Skardziute, L.; Kazlauskas, K.; Jursenas, S.; Turks, M. *Tetrahedron Lett.* **2013**, 54, 850.

[2] Traskovskis, K.; Kokars, V.; Tokmakovs, A.; Mihailovs, I.; Nitišs, E.; Petrova, M.; Beļakovs, S.; Rutkis, M. *J. Mat. Chem. C*, **2016**, 5019.