

Supplementary data for article:

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# Supporting Information

for

## Fulleropeptide esters as potential self-assembled antioxidants

Mira S. Bjelaković<sup>\*1</sup>, Tatjana J. Kop<sup>1</sup>, Jelena Đorđević<sup>2</sup> and Dragana R. Milić<sup>\*2</sup>

Address: <sup>1</sup>Institute of Chemistry, Technology and Metallurgy, Center for Chemistry,  
University of Belgrade, Njegoševa 12, P.O. Box 473, 11001 Belgrade, Serbia and

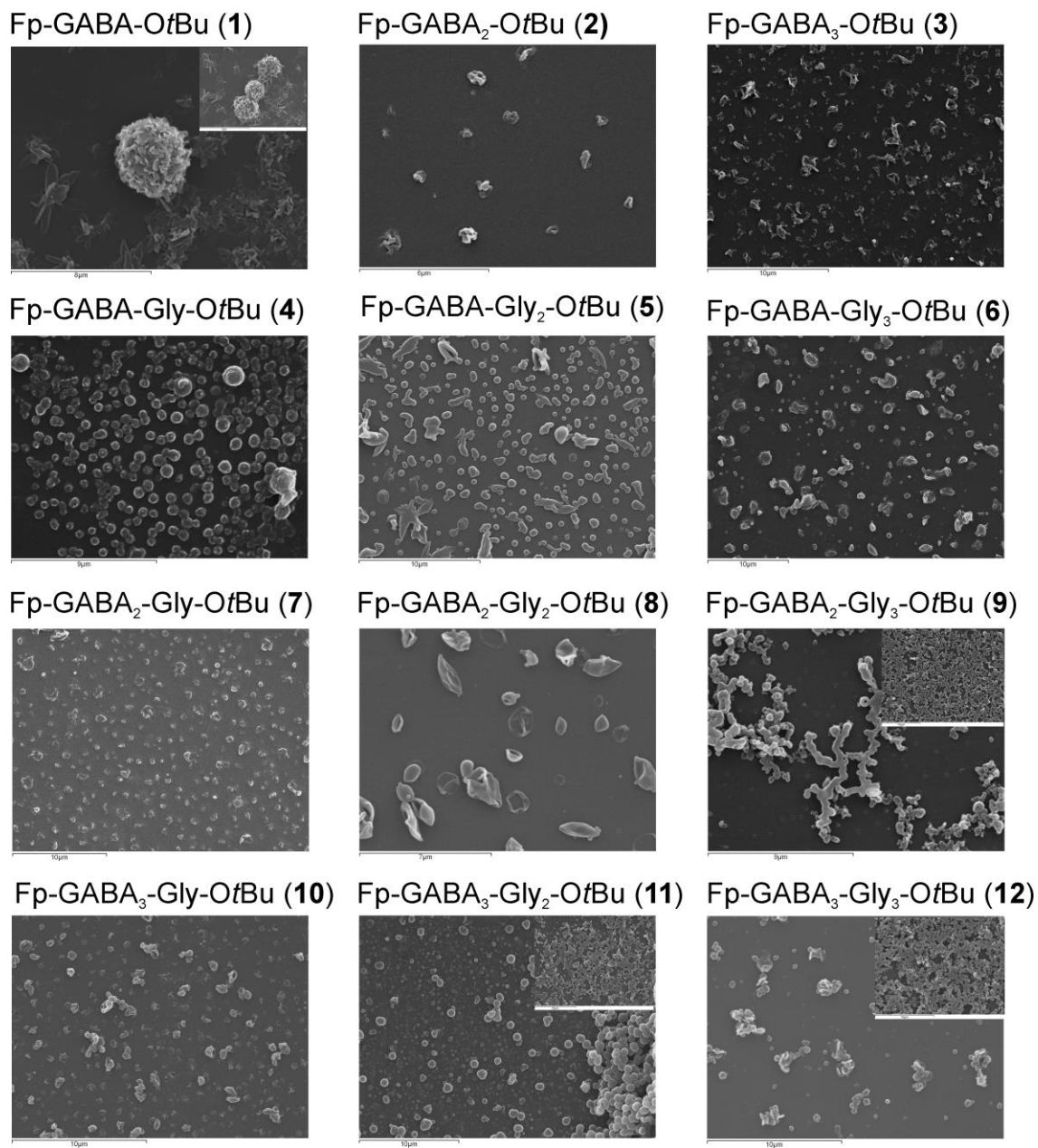
<sup>2</sup>Faculty of Chemistry, University of Belgrade, Studentski trg 12–16, P.O. Box 51, 11158  
Belgrade, Serbia

Email: Mira Bjelaković\* - mbjelak@chem.bg.ac.rs, Dragana Milić\* -

dmilic@chem.bg.ac.rs

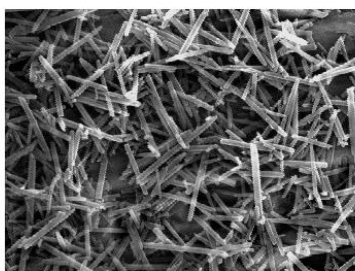
\* Corresponding author

**SEM images of fullerene derivatives 1–12 (Figures S1 and S2)**

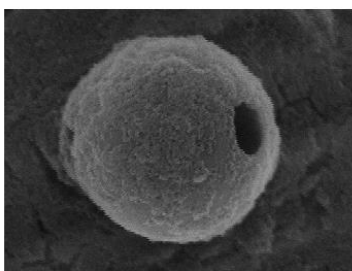


**Figure S1:** Representative SEM images of the self-organized particles of the parent ester **1** and fulleropeptide esters **2–12** prepared from PhMe/MeOH (5/1, v/v) on Si substrate upon evaporation of 10  $\mu\text{L}$  of 1 mM solution at room temperature; insets on **9**, **11** and **12**: 50  $\mu\text{L}$  of 1 mM solution.

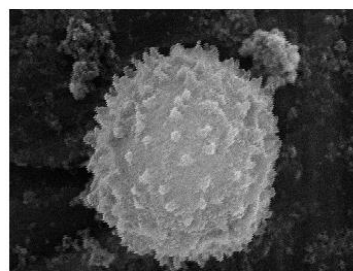
Fp-GABA-OtBu (1)



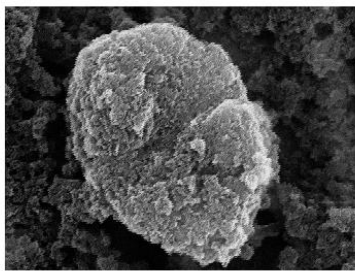
Fp-GABA<sub>2</sub>-OtBu (2)



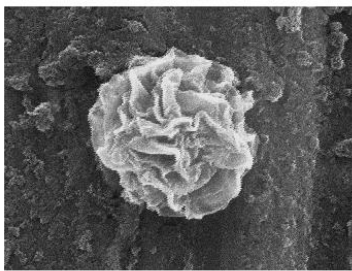
Fp-GABA<sub>3</sub>-OtBu (3)



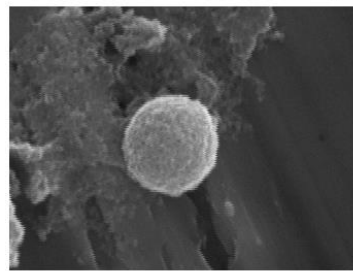
Fp-GABA-Gly-OtBu (4)



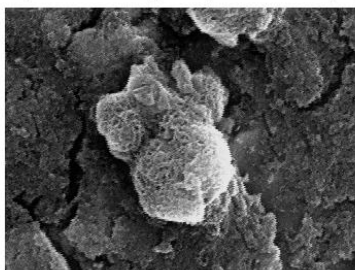
Fp-GABA-Gly<sub>2</sub>-OtBu (5)



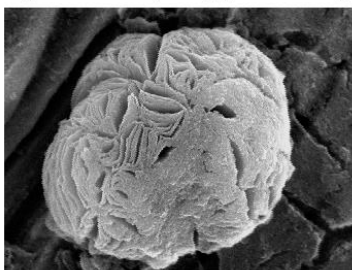
Fp-GABA-Gly<sub>3</sub>-OtBu (6)



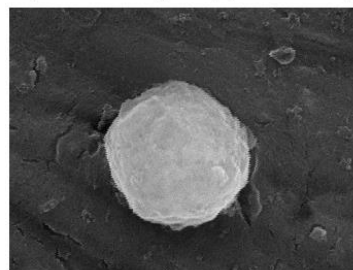
Fp-GABA<sub>2</sub>-Gly-OtBu (7)



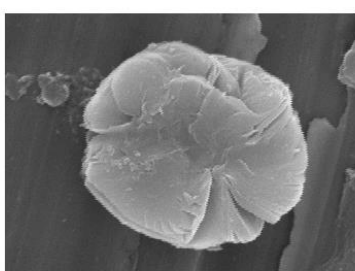
Fp-GABA<sub>2</sub>-Gly<sub>2</sub>-OtBu (8)



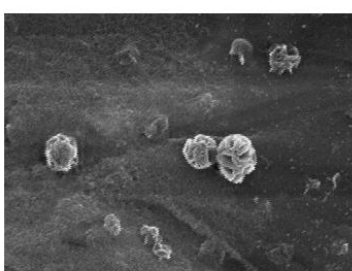
Fp-GABA<sub>2</sub>-Gly<sub>3</sub>-OtBu (9)



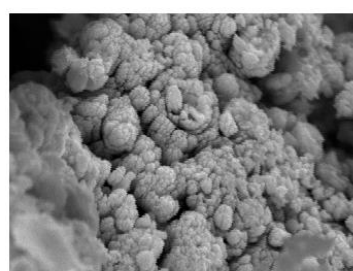
Fp-GABA<sub>3</sub>-Gly-OtBu (10)



Fp-GABA<sub>3</sub>-Gly<sub>2</sub>-OtBu (11)



Fp-GABA<sub>3</sub>-Gly<sub>3</sub>-OtBu (12)



**Figure S2:** Representative SEM images of the self-organized particles of fulleropyrrolidinic GABA ester **1** and fulleropeptide esters **2–12** prepared from the solids obtained by precipitation with MeOH and deposited on brass substrate.