

RSC Sustainability

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See Francesca M. Kerton *et al.*, pp. 28–60. Image reproduced by permission of Sarah Boudreau from *RSC Sustainability*, 2026, 4, 28.



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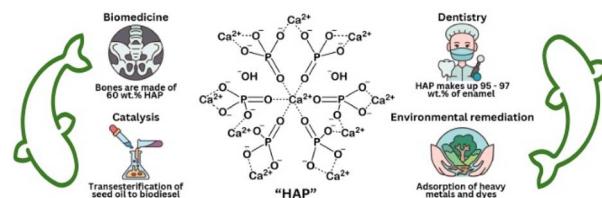
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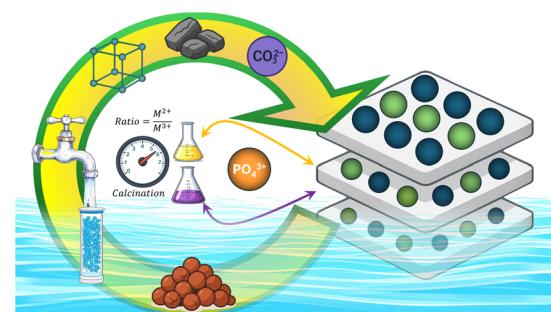
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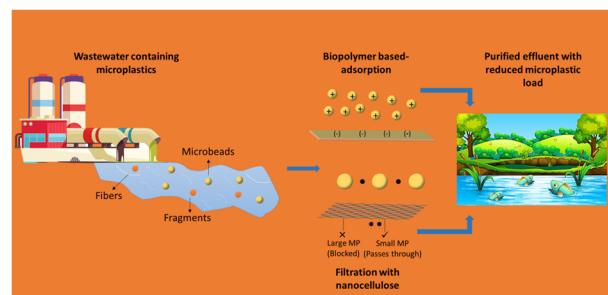
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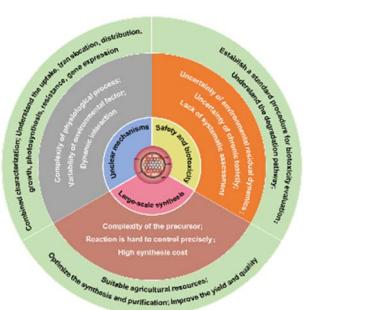
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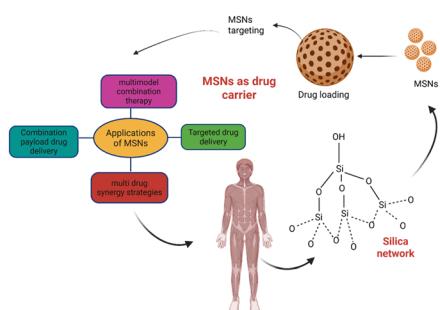
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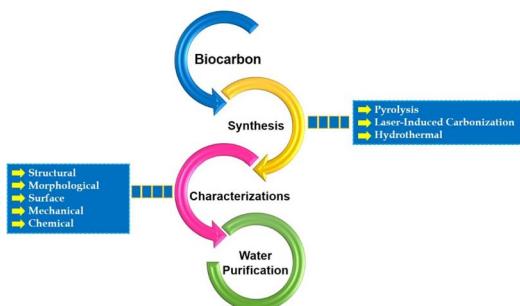


Engineering silica nanoparticles for precision nanomedicine: synthesis & functionalization – a review

Mukta Rajotia, Anju Yadav, Vivek Kumar Saroj and Subrata Panda*

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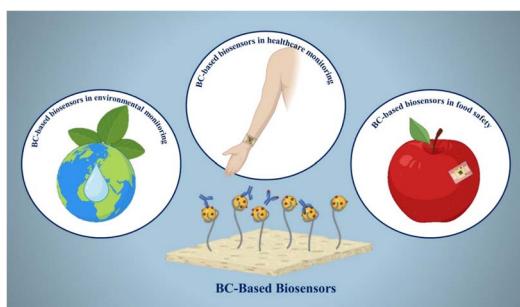
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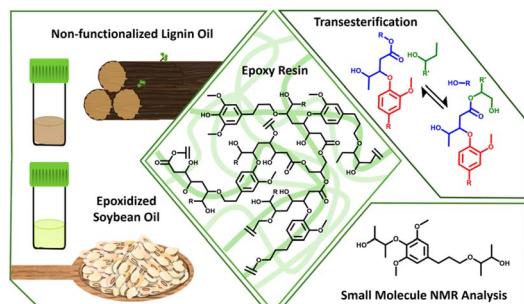


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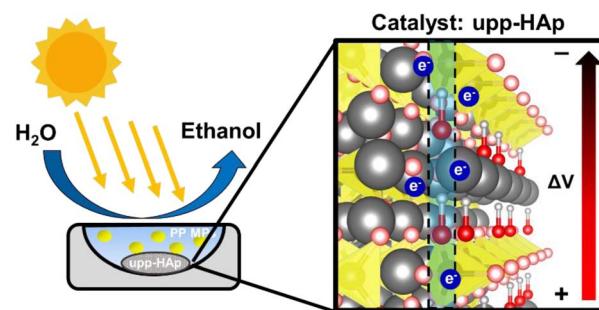
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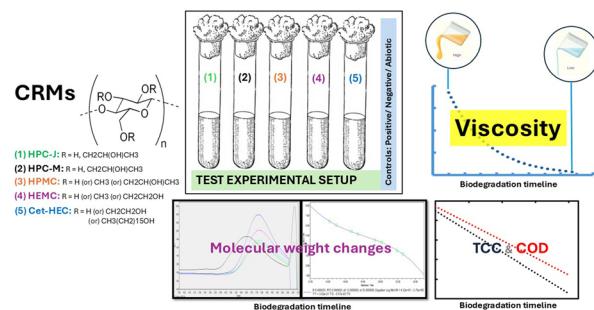
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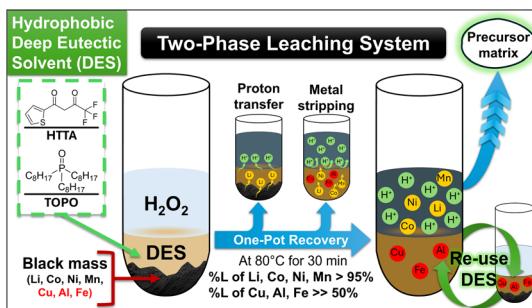
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Moumita Bhaumik, Chiranjeevi Thulluri, Arindam Roy and Harshad Ravindra Velankar*



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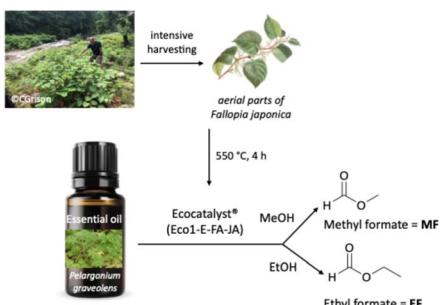
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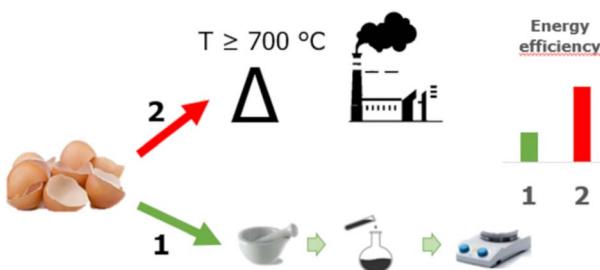
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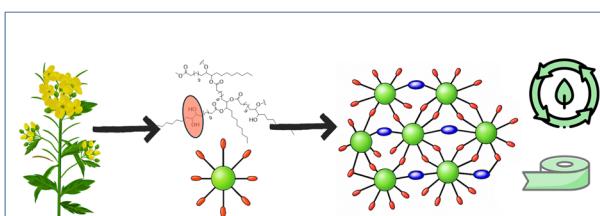
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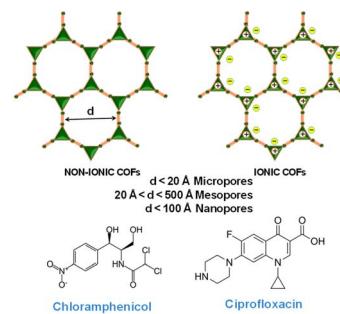


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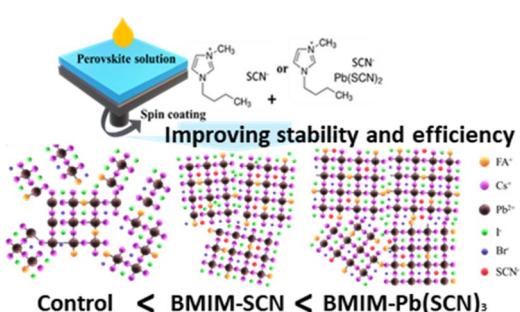
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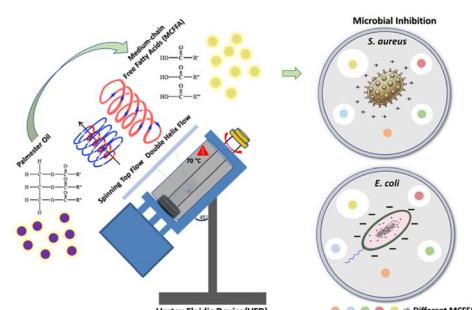
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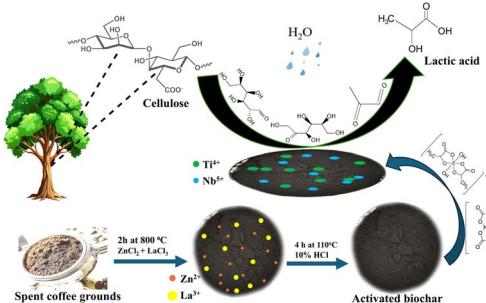
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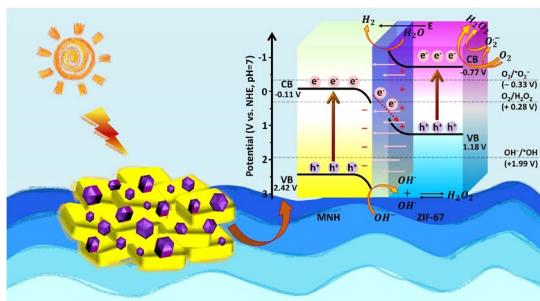
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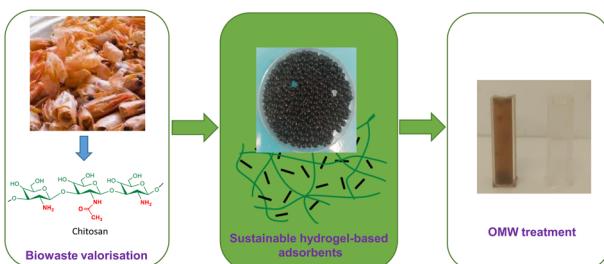
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Wahid Ben Khadda, Oumaima Bahammou, Farah El Hassani, Nadia Katir, Hicham Zaitan and Abdelkrim El Kadib*

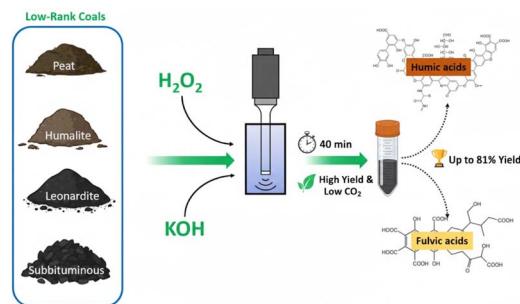


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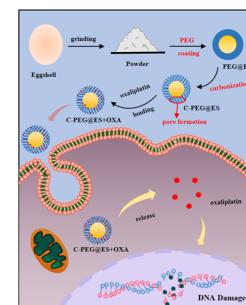
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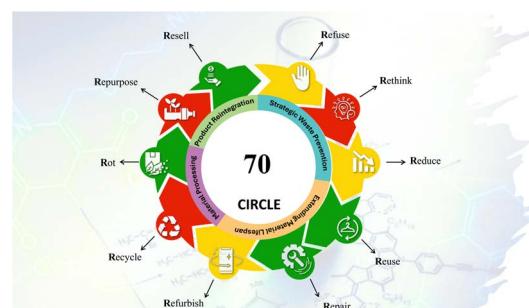
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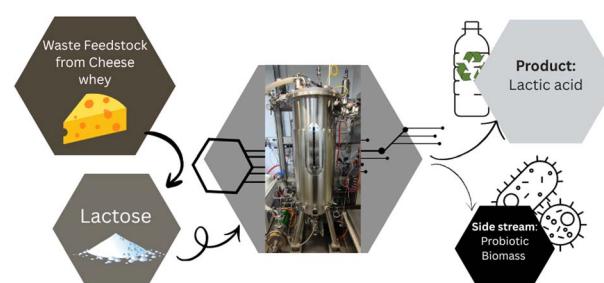
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Ciara D. Lynch, Si Liu, Tanja Narančić and Kevin O'Connor*



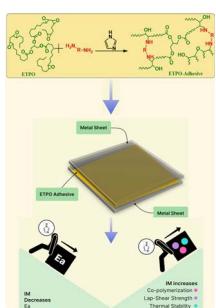
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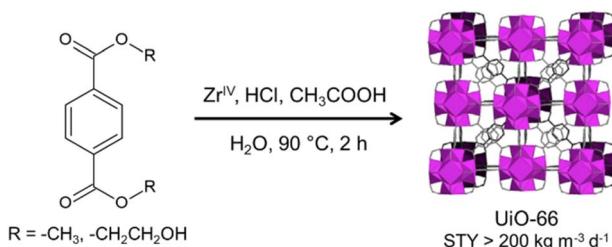
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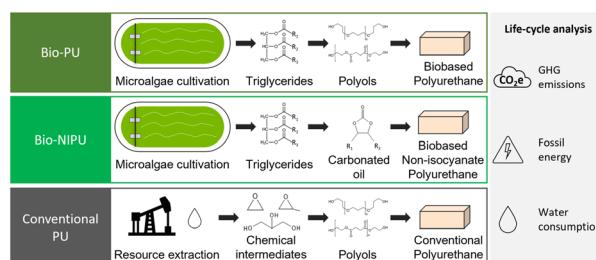
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Ulises R. Gracida-Alvarez, Matthew R. Wiatrowski, Pahola Thathiana Benavides,* Jingyi Zhang, Ryan Davis and Troy R. Hawkins

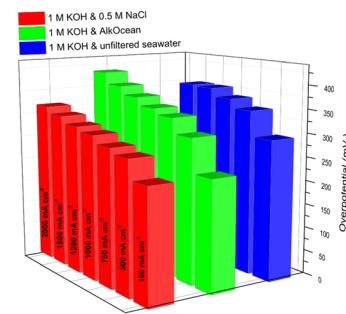


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Systematic study of electrochemical performance of nickel iron hydroxide (NiFe(OH)_2) electrocatalyst at high current densities in alkaline seawater solutions

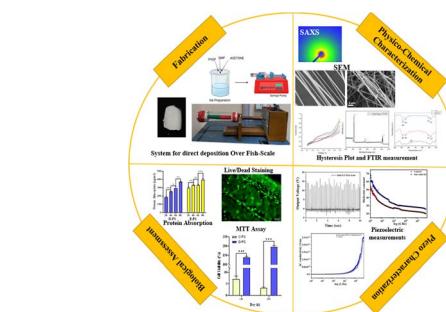
Jack Corbin, Cheng Lyu, David Trudgeon, Mikey Jones, Adeline Loh, Arthur Graf, Zhenyu Zhang, Jianyun Cao, Ida Nawrocka and Xiaohong Li*



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Mechano-stimuli-responsive engineered device mimicking native anisotropy towards tissue regeneration

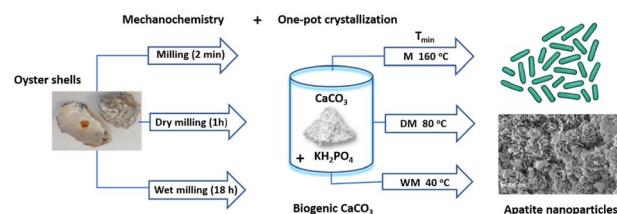
Samir Das, Sri Medha Juloori, Mainak Swarnakar, Manish Pal Chowdhury and Santanu Dhara*



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Low-temperature transformation of mechanochemically treated oyster shells into nanocrystalline apatites

Carla Triunfo, Francesca Oltolina, Annarita D'Urso, Raquel Fernández-Penas, Giuseppe Falini, Antonia Follenzi and Jaime Gómez-Morales*



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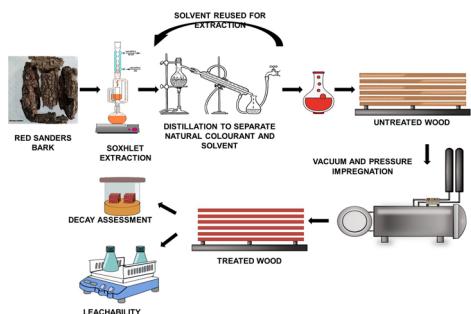
Thermogravimetric and physicochemical characterization of waste tire–coconut shell blends as potential renewable energy feedstock

Samsudin Anis,* Sukarni Sukarni, Alavudeen Azeez, Ahmad Indra Siswantara, Sonika Maulana, Deni Fajar Fitriyana, Adhi Kusumastuti, Januar Parlaungan Siregar, Sivasubramanian Palanisamy,* Aravindhan Alagarsamy, Mohamed Abbas, Shaeen Kalathil and Mezigebu Belay*



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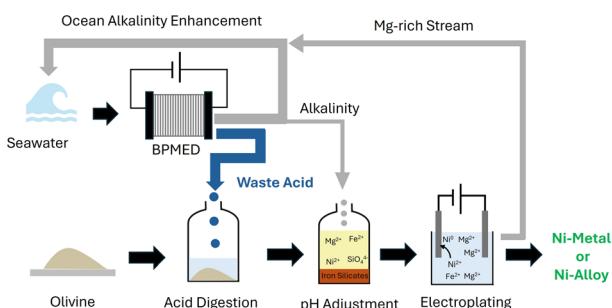
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Red sanders bark extracts as effective bio-protective agents against fungal and termite degradation of plantation timbers

Souvik Ray, Rakesh Kumar,* N. S. Mithila and S. R. Shukla

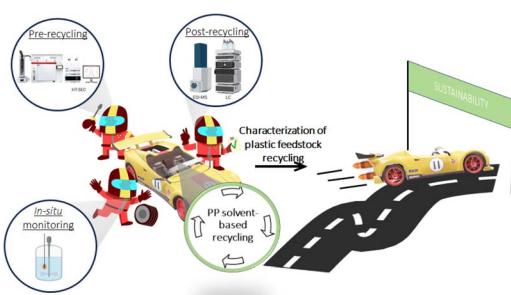
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Nickel extraction from olivine using waste acid from an electrochemical marine CO2 removal process

Alexander J. Robinson, Dan Thien Nguyen, Brady Anderson, Jian Liu, Pravalika Butreddy, Elias Nakouzi, Qingpu Wang, Paul Marsh and Chinmayee V. Subbar*

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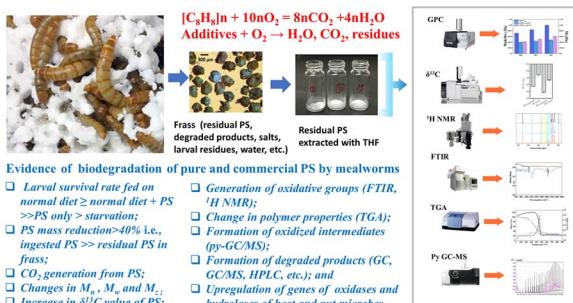


From additive analysis to process monitoring: characterization of polypropylene solvent-based recycling from plastic feedstocks representative of sorting centres

Sofiane Ferchichi, Nida Sheibat-Othman,* Maud Rey-Baile and Vincent Monteil*

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Comment on "Expanded polystyrene is not chemically degraded by mealworms" by Z. M. Tahroudi, G. Flematti, J. Joshi, G. Fritz and R. Atkin, *RSC Sustainability*, 2025, 3, 383

Wei-Min Wu* and Craig S. Criddle

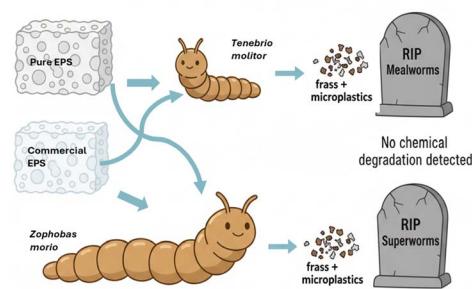


COMMENTS

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Reply to the 'Comment on "Expanded polystyrene is not chemically degraded by mealworms" by W.-M. Wu and C. S. Criddle, *RSC Sustainability*, 2026, 4, DOI: 10.1039/D5SU00247H

Zahra Mohammadizadeh Tahroudi, Shaik Sayed
Md Rashidul Hossain, Gavin R. Flematti, Jitendra Joshi,
Georg Fritz* and Rob Atkin*



CORRECTION

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Correction: Green initiatives for the synthesis of polyamide monomers: precision fermentation using engineered *Corynebacterium glutamicum* and extraction of purified 5-aminovaleric acid (5AVA) and putrescine

Keerthi Sasikumar, Volker F. Wendisch* and K. Madhavan Nampoothiri*

