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In addition to polysilicates and polyphosphate, there are a series of other inorganic polymers including polyarsenate and polyvanadate, the biological / biomedical properties of which have been only marginally studied so far.

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Staff View: Biomedical inorganic polymers
Xiaohong Wang, Heinz C. Schröder, Werner E.G. Müller, Enzymatically Synthesized Inorganic Polymers as Morphogenetically Active Bone Scaffolds,, 10.1016/B978-0-12-800177-6.00002-5, (27-77), (2014).

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Inorganic polyphosphate (polyP) is a widely occurring but only rarely investigated biopolymer which exists in both prokaryotic and eukaryotic organisms. Only in the last few years, this polymer has been identified to cause morphogenetic activity on cells involved in human bone formation.

Inorganic Polyphosphates: Biologically Active Biopolymers ...
Heinz C Schröder, Xiaohong Wang, Werner E G Müller, Amorphous polyphosphate nanoparticles: application of the morphogenetically active inorganic polymer for personalized tissue regeneration, Journal of Physics D: Applied Physics, 10.1088/1361-6463/ab2524, 52, 36, (363001), (2019).

Polyphosphate as a metabolic fuel in Metazoa: A ...
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Werner E. G. Müller, Heinz C. Schröder, Zhijian Shen, Qingling Feng and Xiaohong Wang, Inorganic Polymers: Morphogenic Inorganic Biopolymers for Rapid Prototyping Chain, Biomedical Inorganic Polymers, 10.1007/978-3-642-41004-8_9, (235-259), (2013).

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