Supplementary Information

Functionalised mesoporous silica: A good opportunity for controlled peptide oligomerisation

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SI. $^{13}$C CP/MAS NMR Spectrum of OMS at 0.8 mmol g$^{-1}$ of aminopropyl groups.
S2. IR spectra of amino OMS (0.4 mmol/g) before (left) and after (right) Ala NCA treatment.
S3. LDI MS spectra of exp. 6 acquired under three different conditions: 1-Direct deposit of the functionalized mesoporous silica on the MALDI steel plate (Heterogeneous deposit as shown in insert, no matrix), 2-Direct deposit of the functionalized mesoporous silica on the MALDI steel plate with a prespotted HCCA matrix solution, 3- Functionalized mesoporous silica solubilization and sample deposit on MALDI steel plate with THAP matrix.
S4. LDI MS spectrum of exp. 19 acquired under three different conditions: only one condition led to successful analysis: 1-Direct deposit of the functionalized mesoporous silica on the MALDI steel plate (Heterogeneous deposit as shown in insert, no matrix).
S5. LC/MS analysis of CCAP oxidized with functionalised OMS 14' (5eq) after 12 hours.