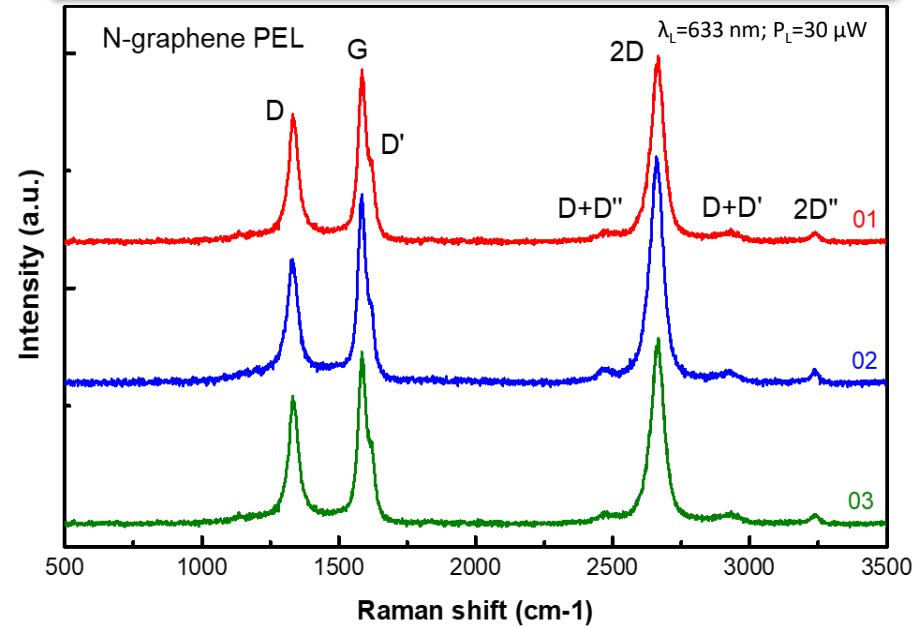


Free-standing N-graphene synthesized using microwave plasma method developed in PEL

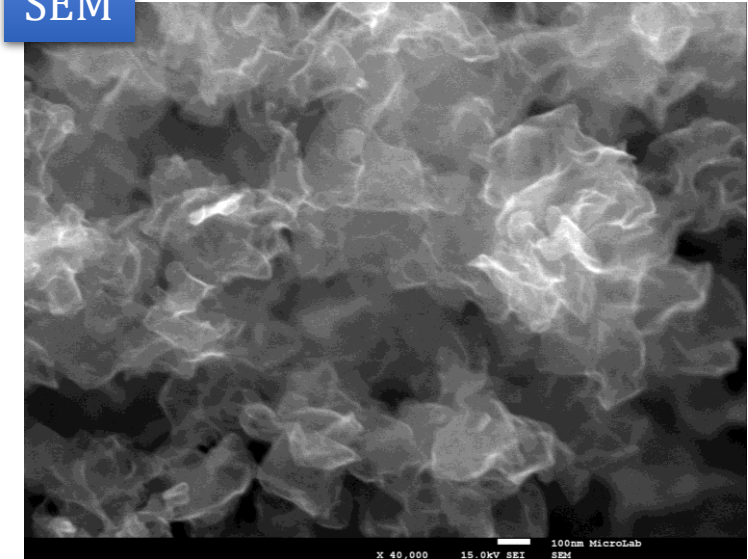
Microwave plasma delivering free-standing N-graphene sheets



RAMAN spectra at three randomly chosen locations of N-graphene sample



SEM



XPS Results	
Atomic Concentrations (%)	
C	90.9
N	8.0
O	1.1
Atomic Ratios	
N/C	0.088
O/C	0.012