# GPGPU-enabled parallel sampling of large scale metabolic models

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#### Abstract—

#### I. INTRODUCTION

## II. MATERIAL AND METHODS

## III. RESULTS

Model	Points	Steps	Intel Xeon (3.5 Ghz)	Quadro K600 (0.87 Ghz)	Tesla M2090	K40m	K80
Ecoli core	1000	1000	42	1.9	1.2		
Ecoli core	5000	1000	208	8.3	1.88		
Ecoli core	10000	1000	420	17.8	3.33		
P Putida	1000	1000	103	54	32		
P Putida	5000	1000	516	223	59		
P Putida	10000	1000	1081	440	111		
Recon2	1000	1000	2309				
Recon2	5000	1000					
Recon2	10000	1000					

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- see http://hpc.uni.lu.