

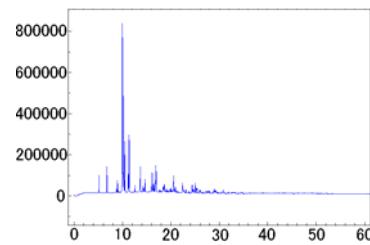
粉末回折における新しい 未知構造決定手法の提案

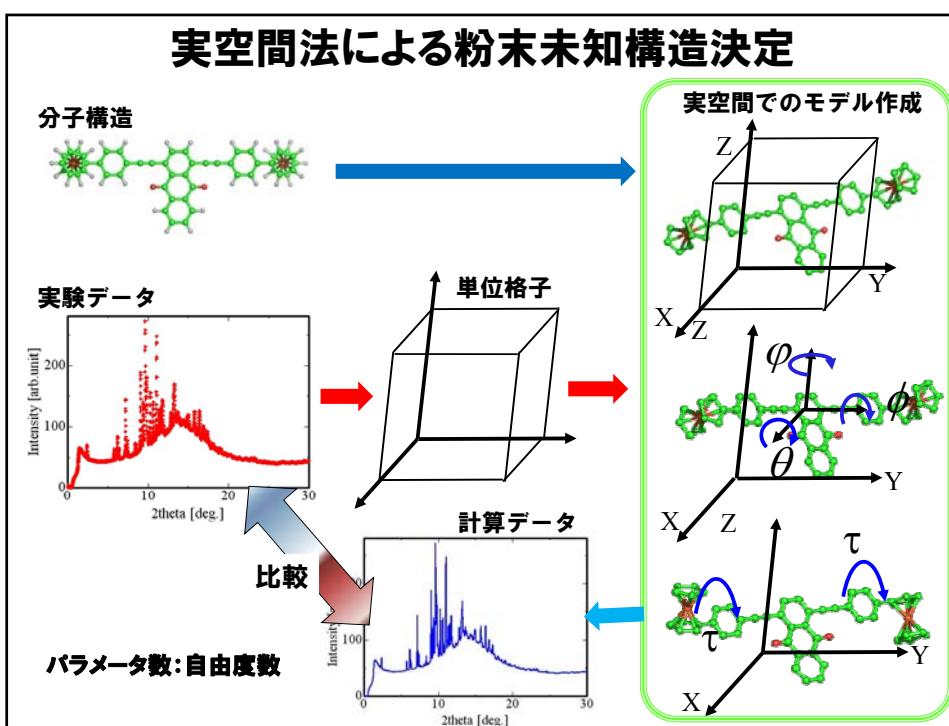
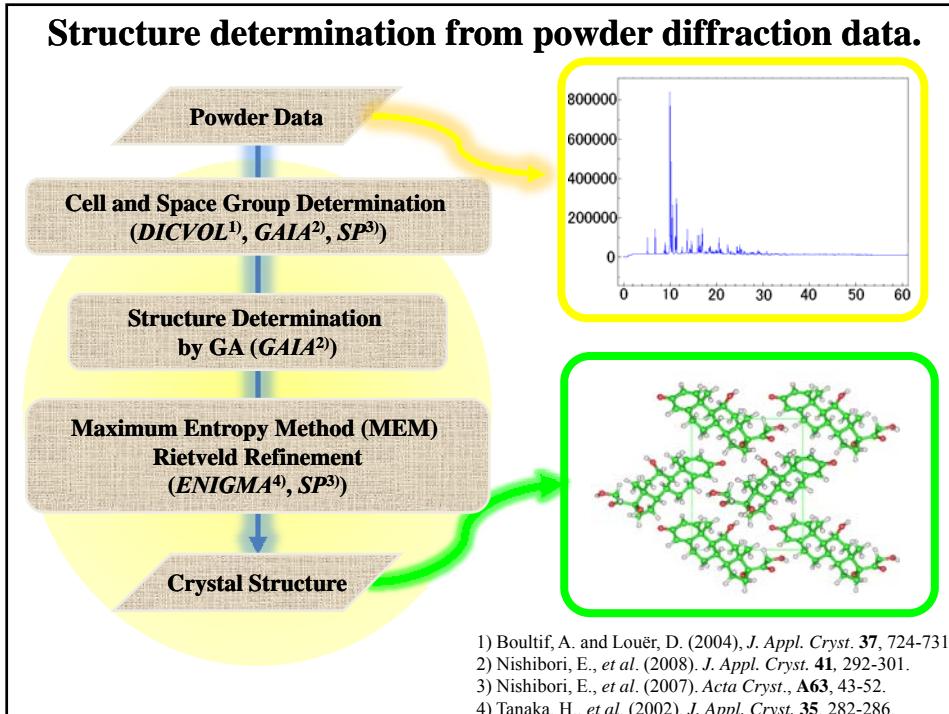
名古屋大学大学院工学研究科
マテリアル理工学専攻応用物理学分野
西堀 英治

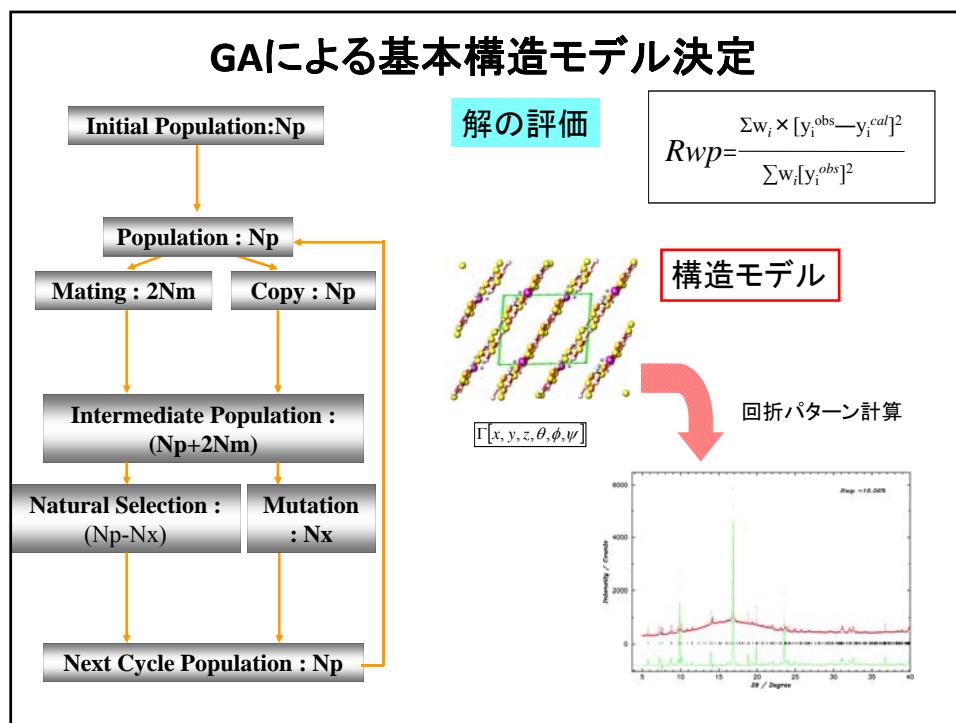
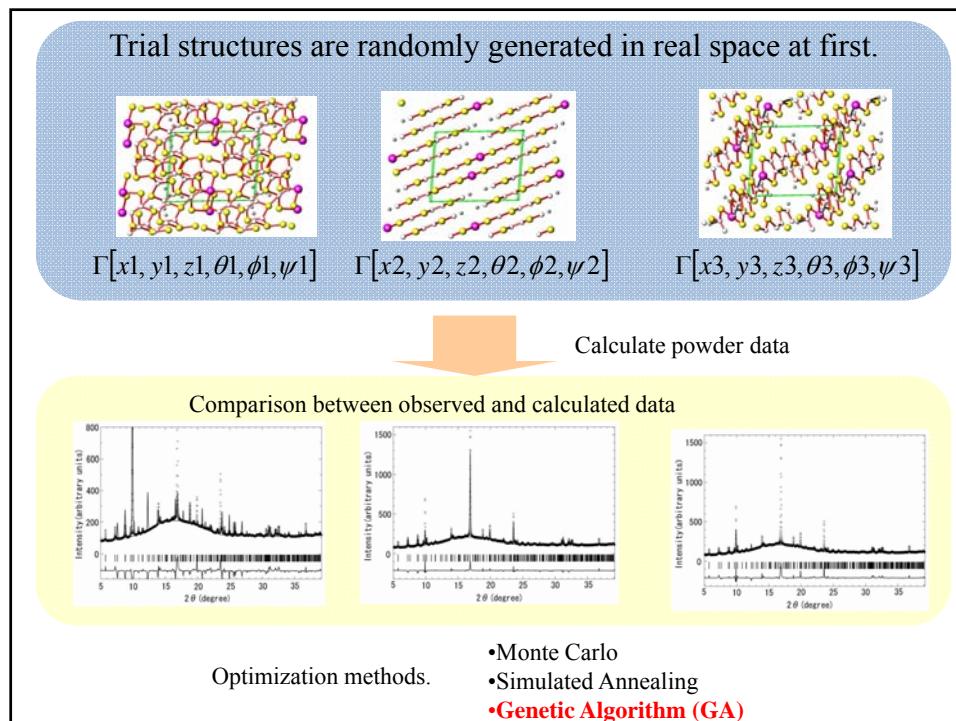
High Resolution Powder diffraction data
by advanced quantum beam source

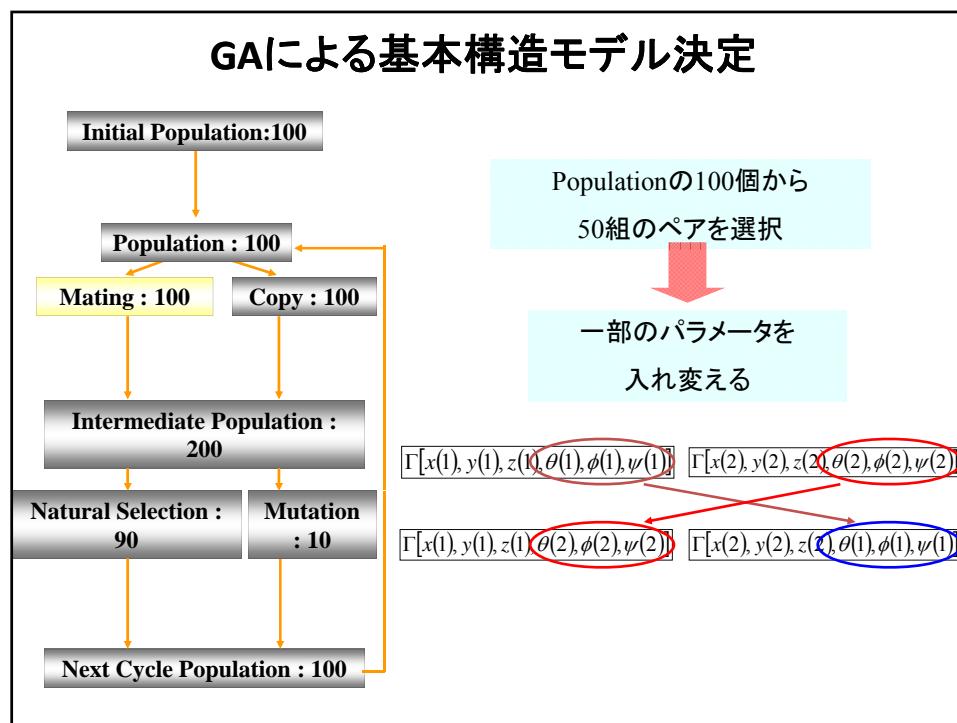
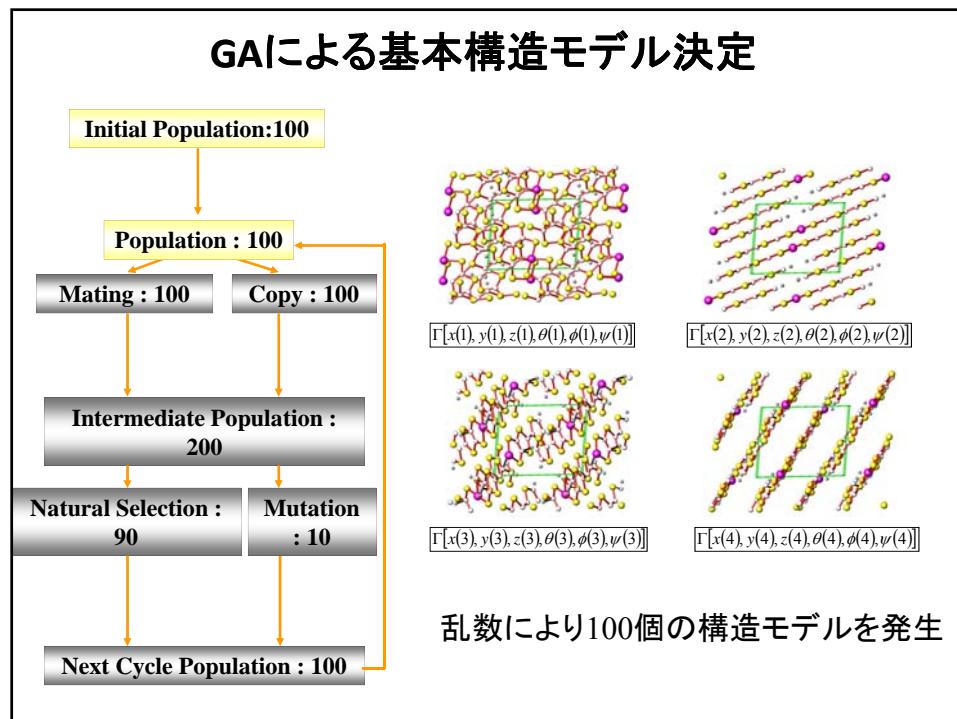


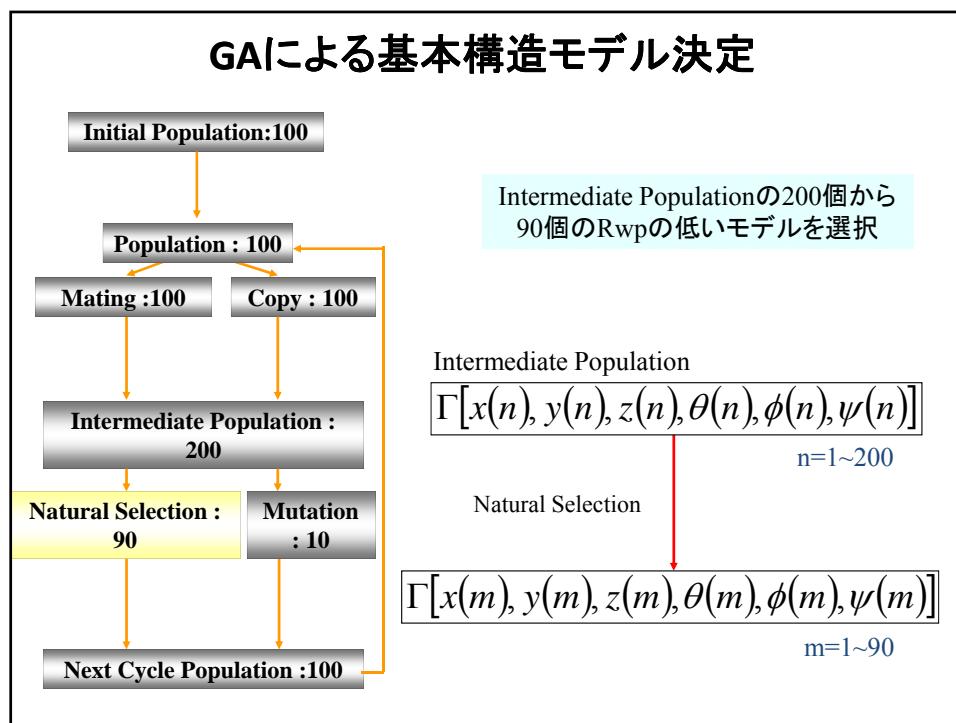
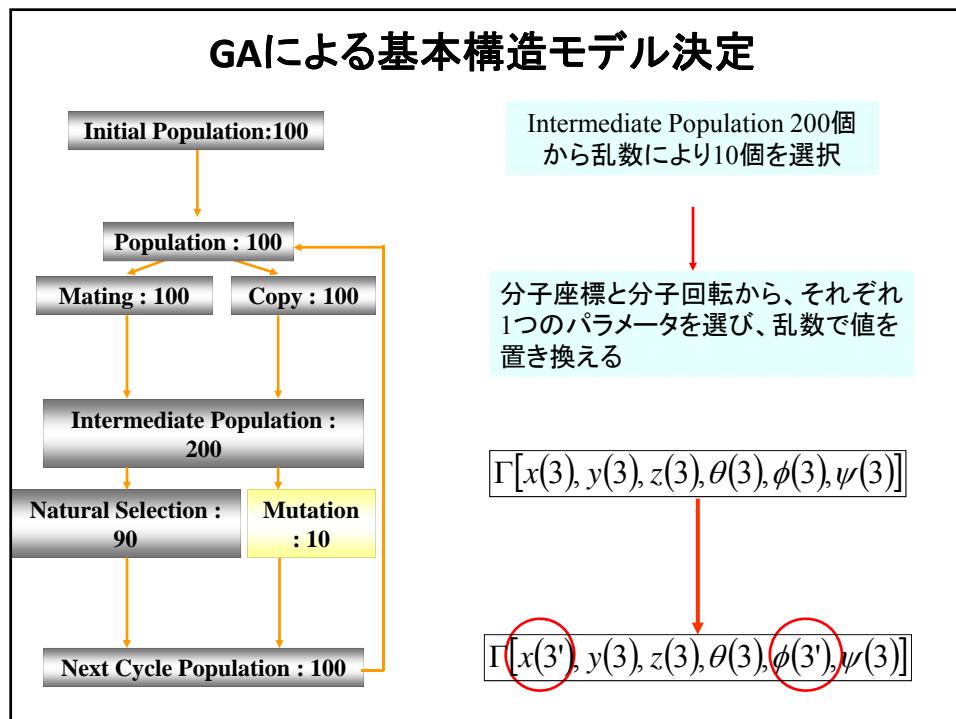
High Quality Diffraction Data

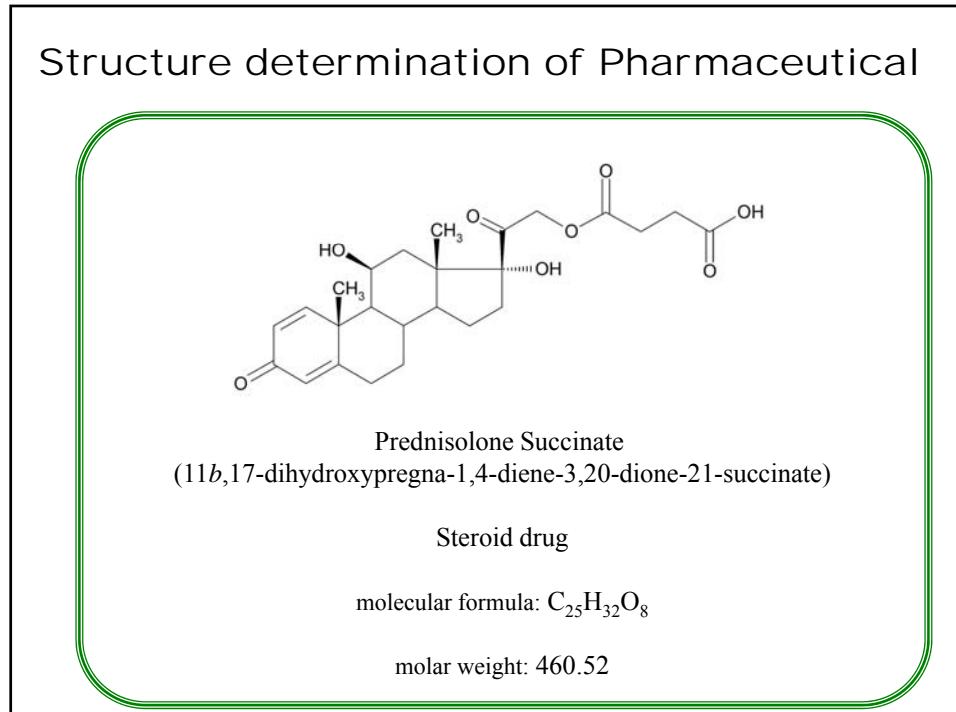
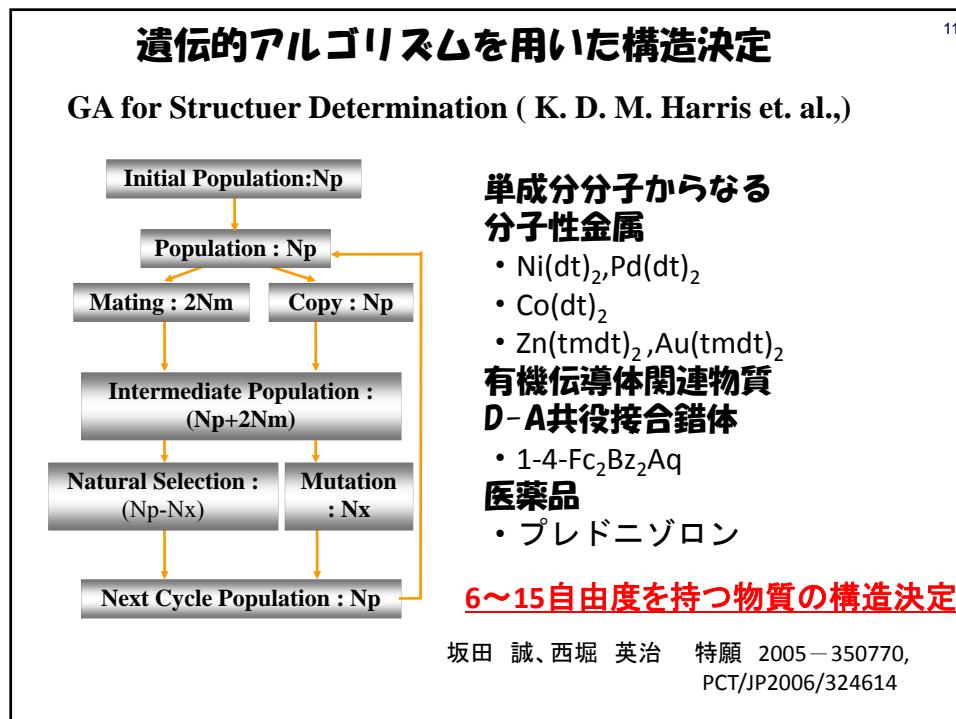


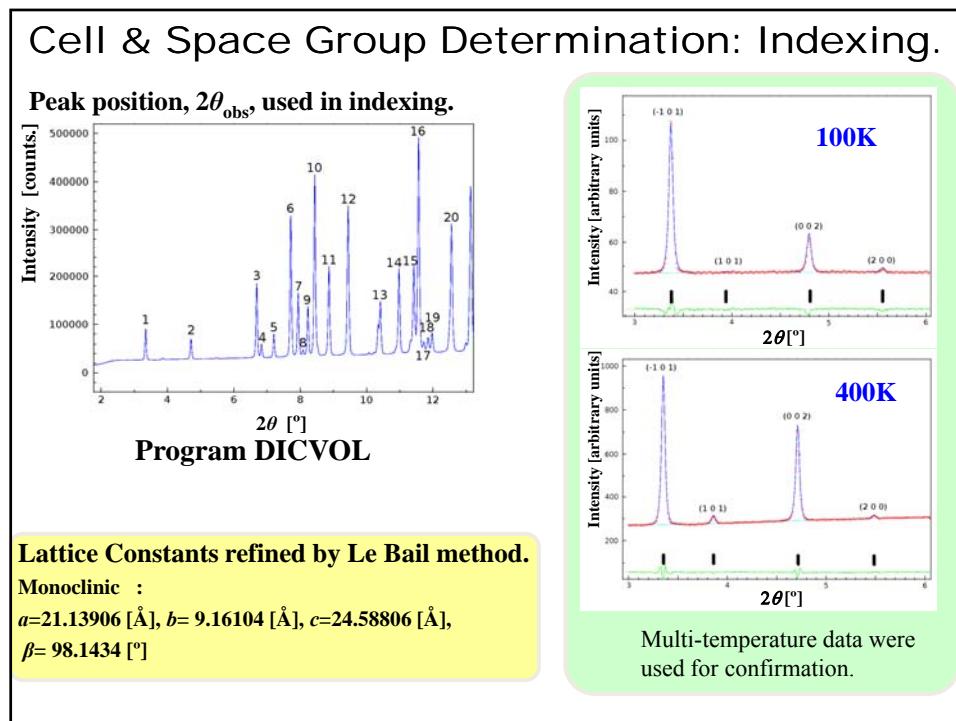
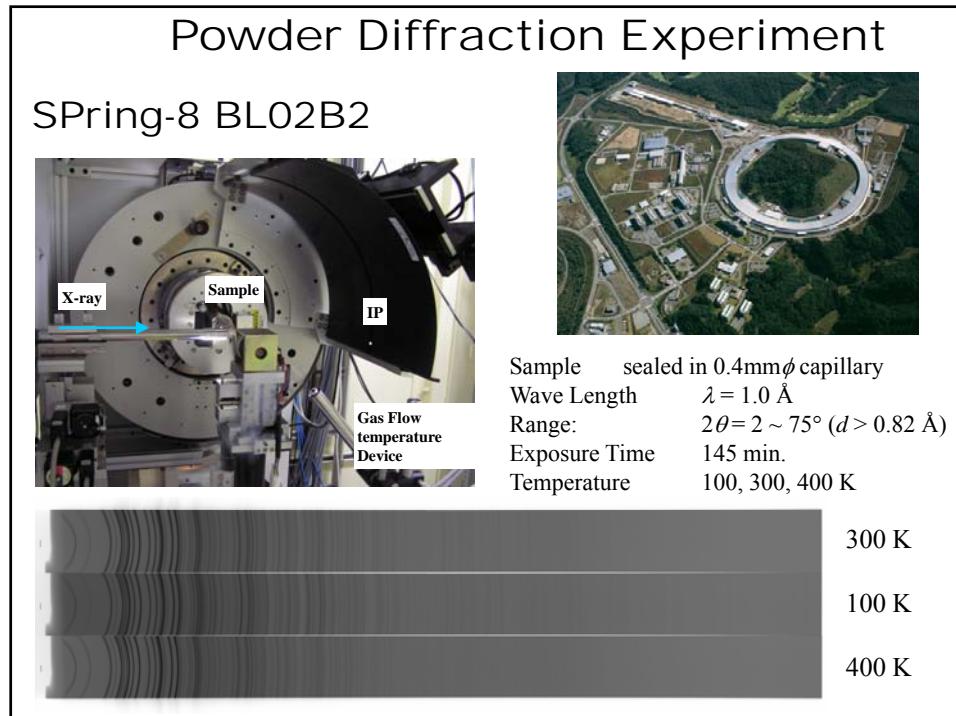


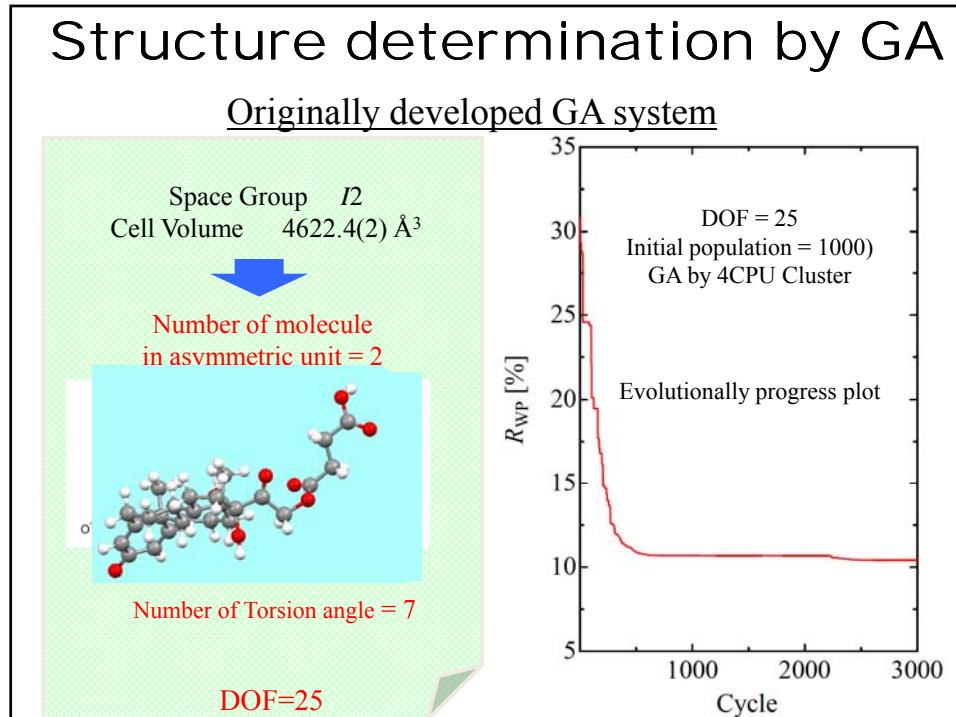
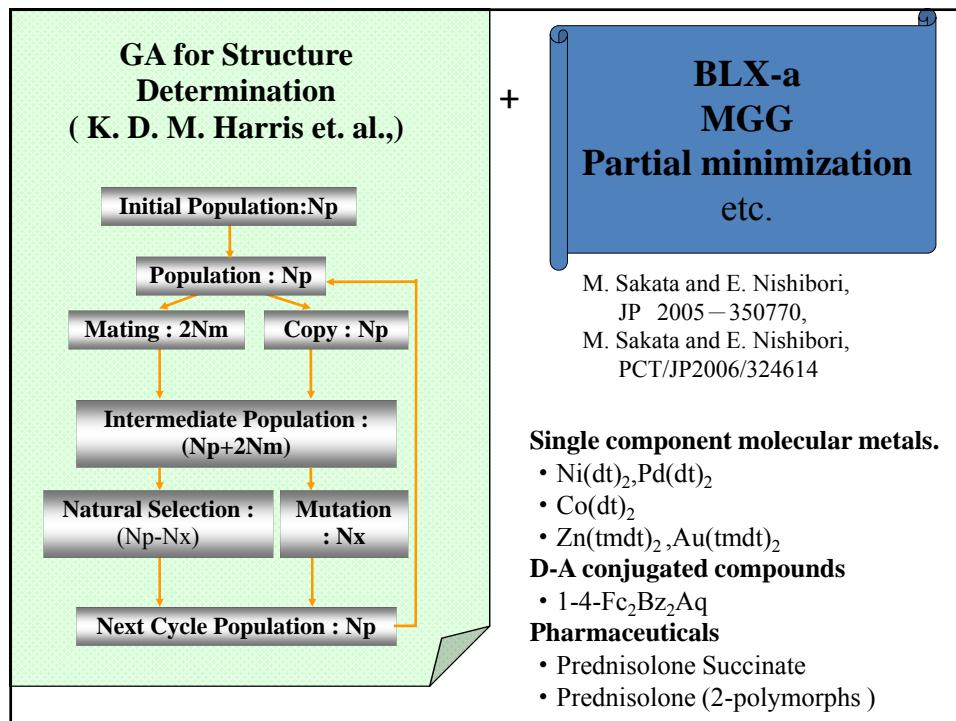


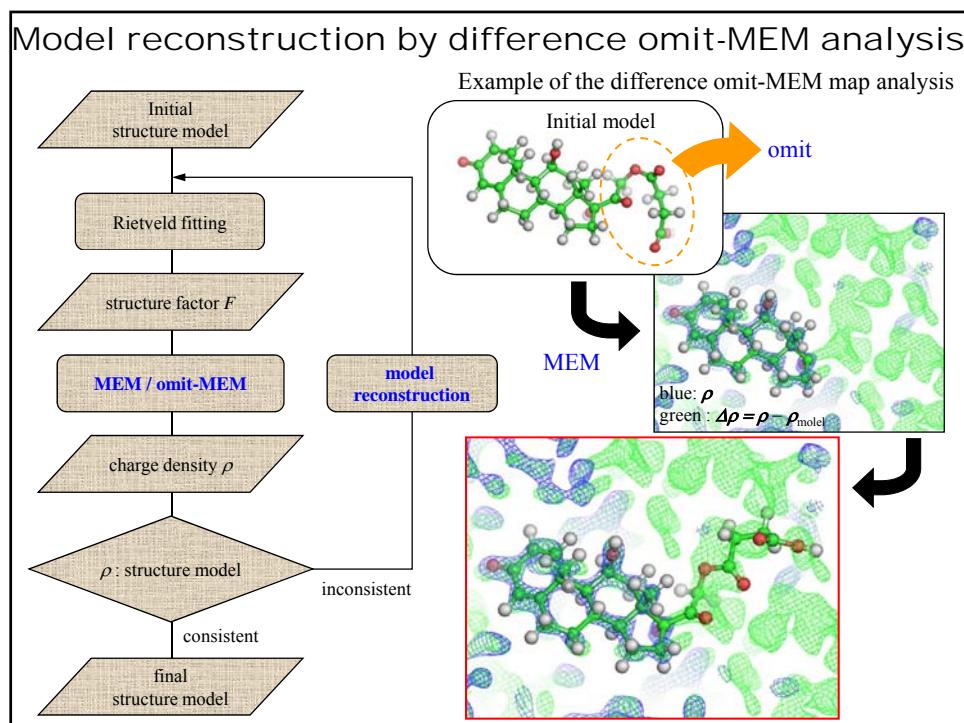
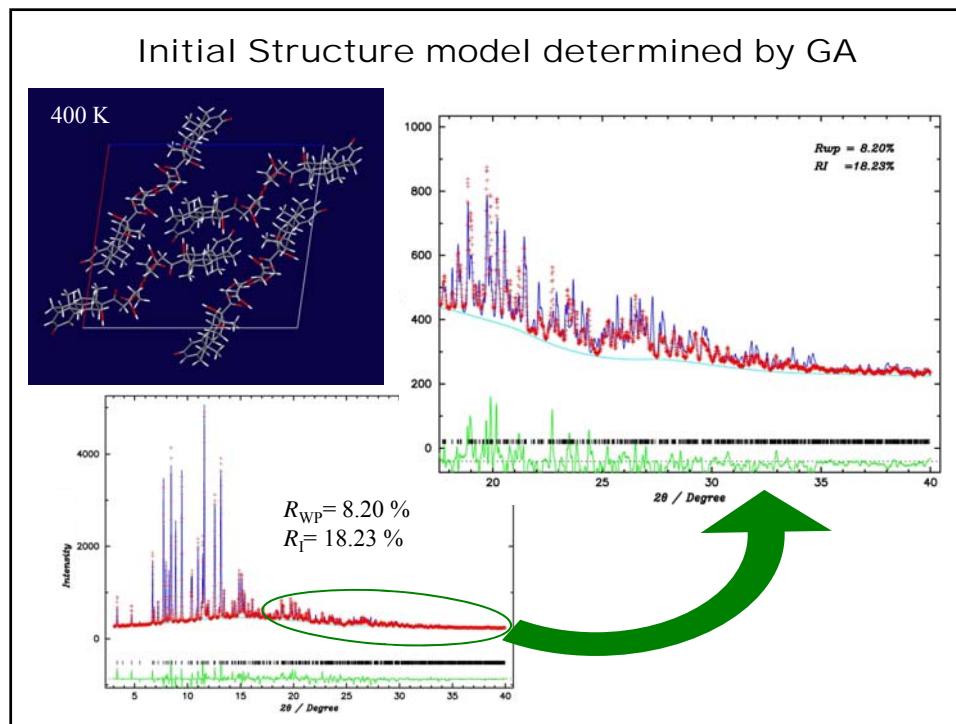






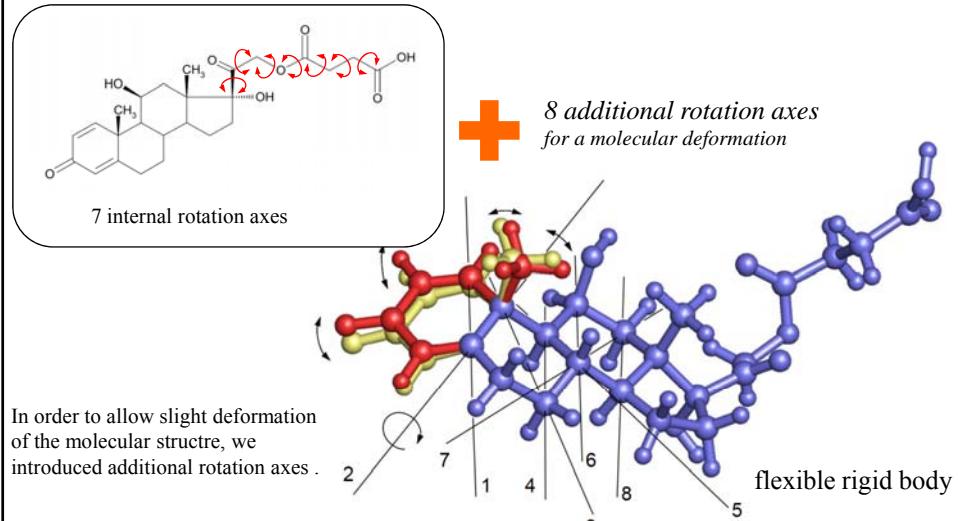






Rietveld refinement using flexible rigid body.

It is still difficult to obtain a proper solution without relatively longer and shorter bond distances.



We carried out the rigid-body Rietveld refinement to refine these angles as parameters.

Final result of Refinements

