

Caspofungin

Best params caspofungin:

```
{'max_depth': 20, 'max_features': 23,  
'min_samples_leaf': 1, 'min_samples_split': 2,  
'n_estimators': 100, 'random_state': 18}
```

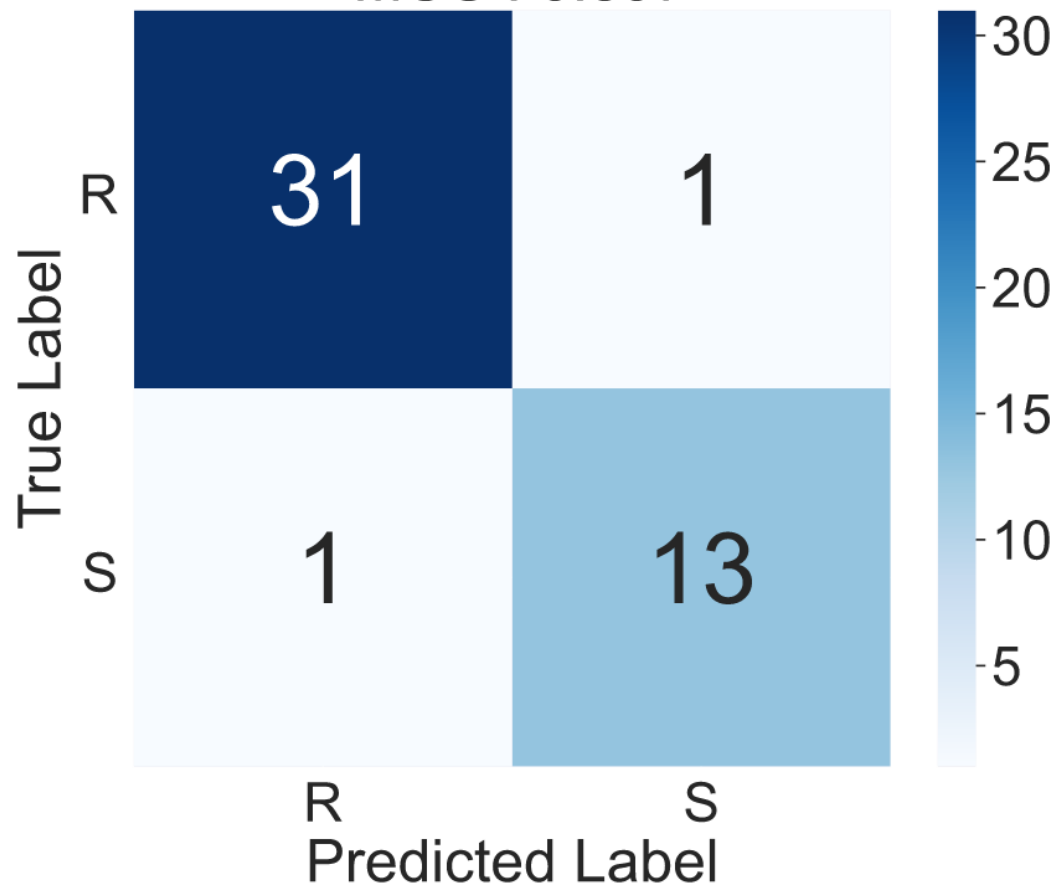
Train Balanced Acc : 0.9663919413919414

Test Balanced Acc : 0.9486607142857143

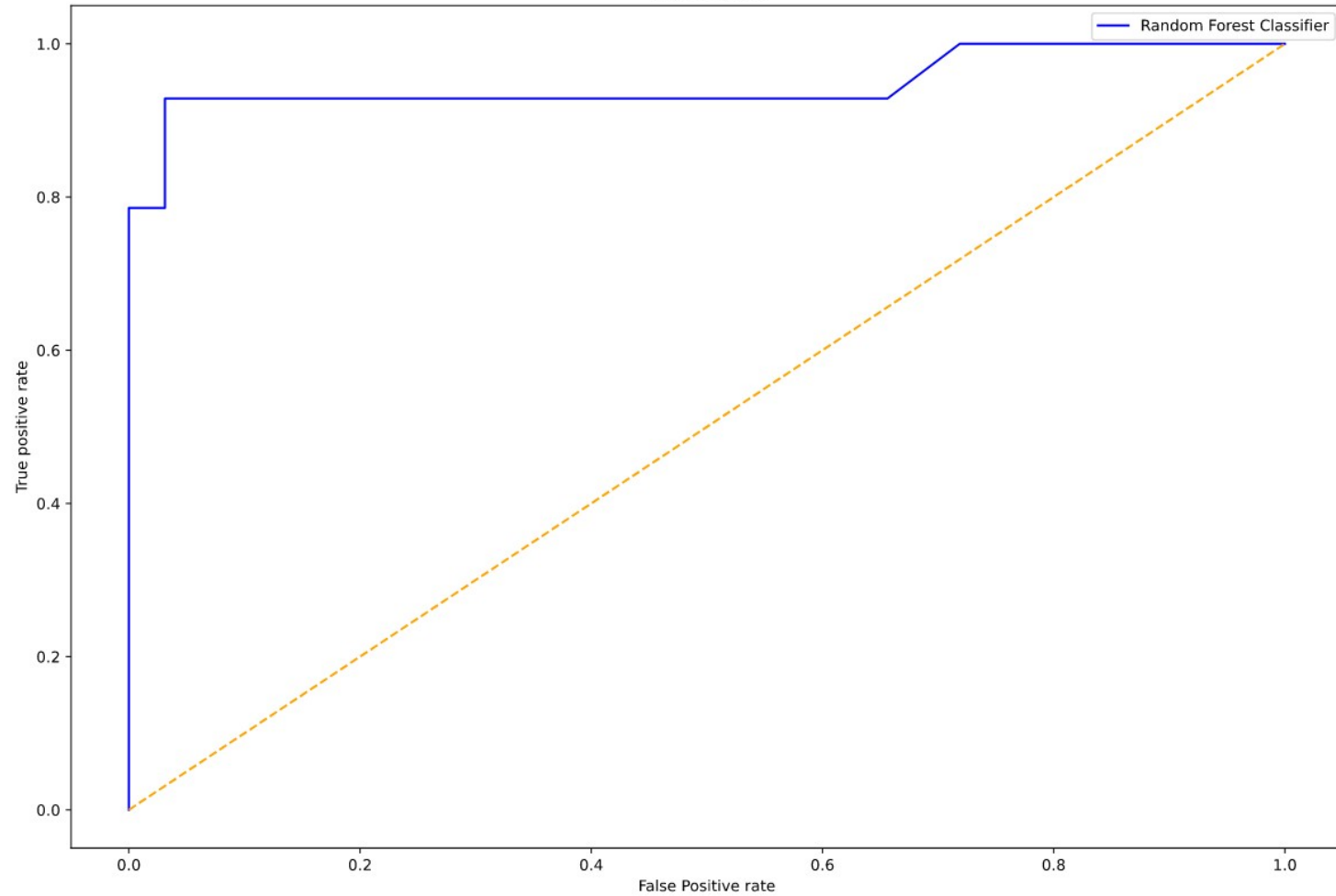
casprofungin Confusion Matrix

Acc : 0.949

MCC : 0.897



casprofungin Model ROC curve
AUC : 0.946



Anidulafungin

Best params anidulafungin:

```
{'max_depth': 15, 'max_features': 9,  
'min_samples_leaf': 1, 'min_samples_split': 2,  
'n_estimators': 100, 'random_state': 18}
```

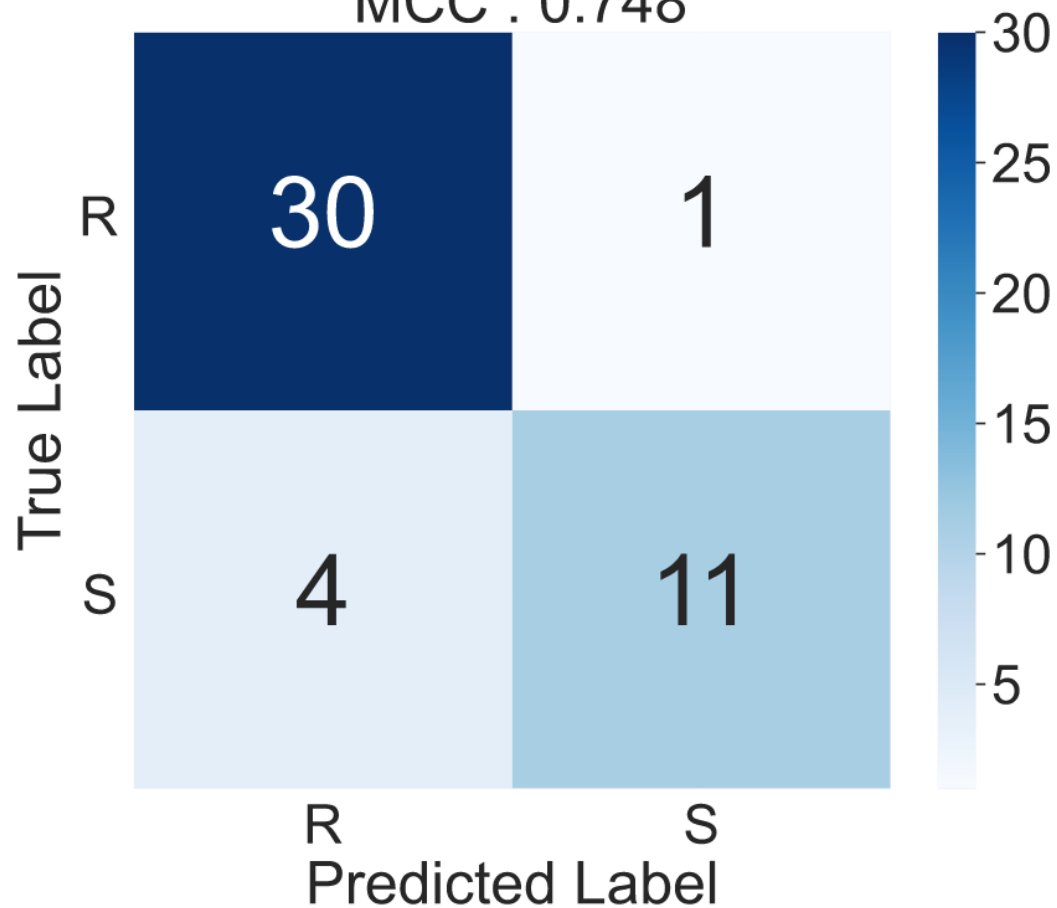
Train Balanced Acc : 0.9724945533769063

Test Balanced Acc : 0.8505376344086022

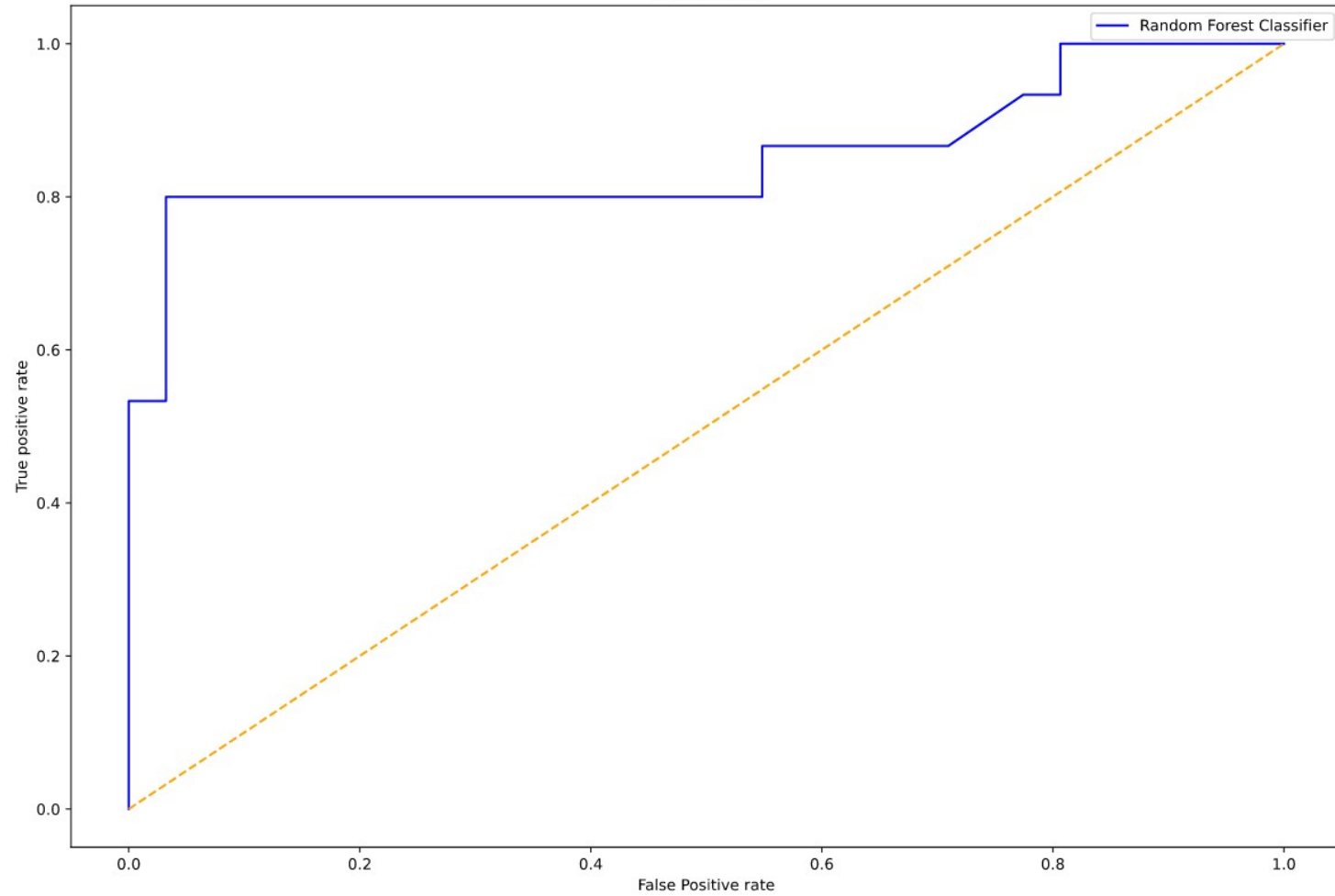
anidulafungin Confusion Matrix

Acc : 0.851

MCC : 0.748



anidulafungin Model ROC curve
AUC : 0.852



Micafungin

Best params micafungin:

```
{'max_depth': 8, 'max_features': 19,  
'min_samples_leaf': 1, 'min_samples_split': 2,  
'n_estimators': 100, 'random_state': 18}
```

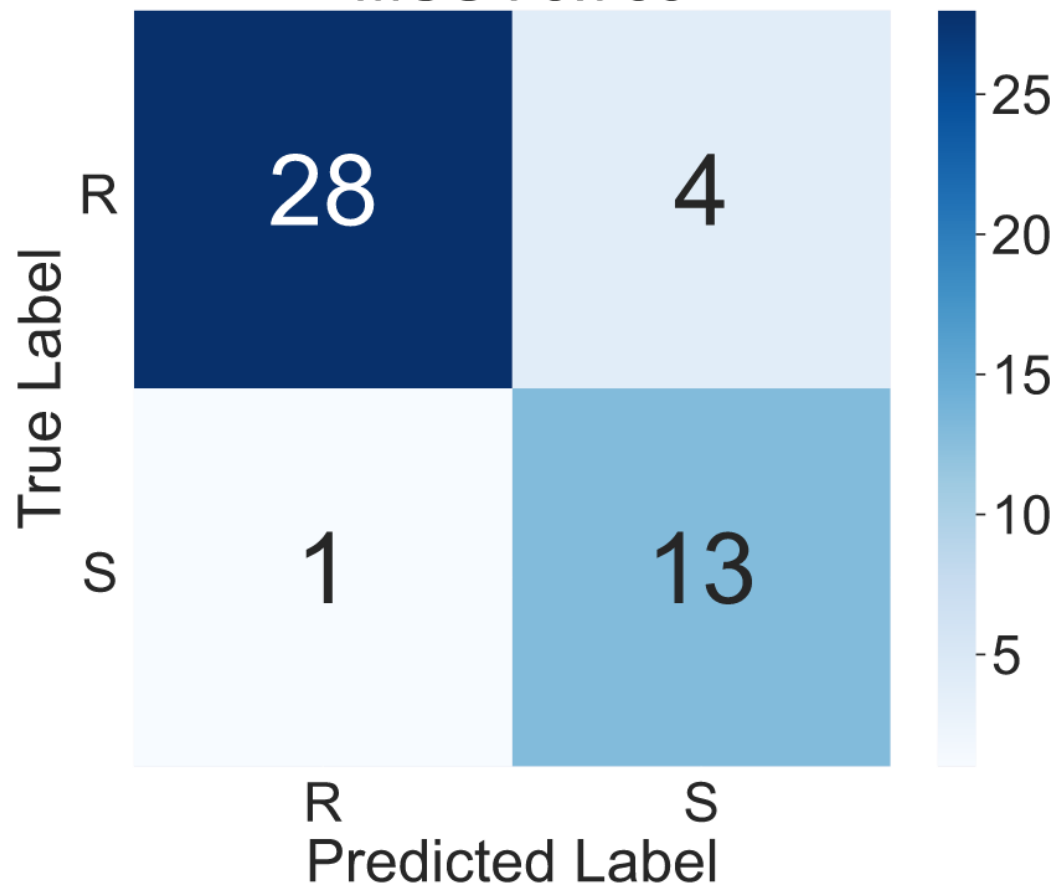
Train Balanced Acc : 0.9246402877697841

Test Balanced Acc : 0.9017857142857143

miconazole Confusion Matrix

Acc : 0.902

MCC : 0.766



micafungin Model ROC curve
AUC : 0.933

