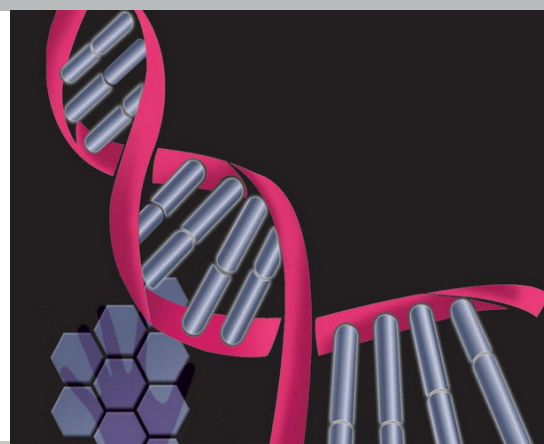


● MOLECULAR BIOLOGY OF THE RENIN-ANGIOTENSIN SYSTEM



INTRODUCTION

The research group Molecular Biology of the Renin-Angiotensin System of the Department of Biochemistry, Molecular Biology and Organic Chemistry consists of 11 members from the field of health sciences. The background of the research staff varies from physicians, gynaecologists, biochemists and pharmacologists. Academic focus is set on the study of folic acids (folates) in the context of reproduction and nutrition. Folates are molecules essential to fertility and human fecundation. They play an important role on the way from correct generation of gametes to embryonic development. The quality of the research and an extensive curriculum enabled the group to collaborate with various medical centers specializing in human reproduction.

RESEARCH TOPICS

- Genetic polymorphism in the context of:
 - Hypertension.
 - Myocardial infarction.
 - Fertility.
 - Cancer.
- Renin-angiotensin systems. Cardiovascular disease with infarction and high blood pressure.

SCIENTIFIC-TECHNICAL SERVICES

- Human fertility diagnostics:
Research on the relationship between folic acid and human fertility in the context of genetics and nutrition.
- Pharmacogenetics of arterial hypertension.
- Advice for a personalized treatment.

RESEARCH GROUP LEADER: ARMANDO REYES ENGEL
PAI CODE: CTS188

CONTACT

PHONE: 952 131 531 | FAX: 952 131 534

E-MAIL: engel@uma.es

ADDRESS: Dpto. Bioquímica, Biología Molecular y Química Orgánica. Facultad de Medicina. Campus Teatinos, s/n. 29071- Málaga