ANNABELLA TRAMICE

EDUCATION:

- July 2000: Chemistry Degree (Organic chemistry) at the ”Università Degli Studi di Napoli Federico II'; Final Mark: 110/110 with distinction.

- December 2003: PhD in Chemical Sciences (Organic chemistry) at the “Università Degli Studi di Napoli Federico II”. PhD research activity was carried out at labs

of the Institute of Biomolecular Chemistry of National Research Council of Italy (I.C.B.-C.N.R.)-Pozzuoli (Naples).

RESEARCH EXPERIENCE:

- From 2004 to 2005:Post- PhD fellowship - “Expert on industrial biotechnologies applications”-"BioTekNet -Campania”. Profile: industrial bioprocesses technologist. The scientific activity was carried out at labs of the I.C.B.-C.N.R.- Pozzuoli

- From 2006 to 2007 - Post- PhD fellowship-“Expert on industrial applications and management innovation”-"BioTekNet'-Campania”. The scientific activity

was carried out at labs of I.C.B.-C.N.R.- Pozzuoli.

- From 2007 to 2-1-2008: Research grant (co.co.co art.2222) at I.C.B.-C.N.R. in Pozzuoli (Naples).

- From 2nd January 2008 to date: permanent researcher at I.C.B.-C.N.R.-Pozzuoli.

- October-November 2008: Study stay at laboratory of Biotransformation, Institute of Microbiology, Academy of Sciences of the Czech Republic in Prague.Project title: "Modified substrates for beta-N-Acetyl hexosaminidase: Ways to Enzymatic Synthesis of Glycomimetics”.

- From January 2010 to December 2014 : responsible of scientific research work-package (PM.P02.014.002), named “Modifiche catalitiche per nanovettori”; this scientific activity belongs to research line (PM.P02.014) named ”Nanotecnologie applicate alla terapia genica e cellulare”; the institute performer of research line is the Institute of Protein Biochemistry of C.N.R. (I.B.P.-C.N.R.); the institute performer of research work-package is the I.C.B.-C.N.R..

PUBLICATIONS:

Co-author of 31publications on international scientific journals.

Communications to International Conferences: 12

RESEARCH INTERESTS:

-Structural characterization of natural products, polysaccharides, glycocojugates

-Enzymatic syntheses of oligosaccharides and glycoconjugated useful in biological, medical and food fields.

-Chemical modification of natural products showing peculiar biological activites

TECHNICAL EXPERTISE

- 12-19th May 2003: “AVANCE-2D NMR” training course and

- 24-28th May 2010: course “Training in nuclear magnetic resonance- advanced course in structural analysis” at Bruker Biospin (Milan).

- Experience in planning of suitable spectroscopic experiments (1D- 2D NMR, MS, LC-MS, GC-MS, UV-VIS).