

## Hagen TILGNER

Torrent d'en Vidalet 16, 3o

08012 Barcelona

Catalonia, Spain

Phone : +34 664 34 23 83

E-mail : hagen.tilgner@crg.es

## Personal Information

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<b>DATE OF BIRTH</b>	May 14th 1980
<b>PLACE OF BIRTH</b>	Berlin
<b>HOME ADDRESS</b>	Leydenallee 39 12167 Berlin, Germany
<b>NATIONALITY</b>	German

## Publications

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04/2010	Tilgner H., Guigó R. From chromatin to splicing : RNA-processing as a total artwork. <i>Epigenetics</i> <b>5</b> :180-184(2010).
08/2009	Tilgner H. et al. Nucleosome positioning as a determinant of exon recognition. <i>Nat Struct Mol Biol</i> <b>16</b> :996-1001(2009).

## Oral Presentations (selected from abstract) at International Meetings

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07/2010	<i>Towards a combined vision of chromatin, transcription and splicing.</i> <b>AS-SIG of ISMB</b> in Boston, MA
08/2009	<i>Nucleosome Positioning as a Determinant of Exon Recognition.</i> <b>Eukaryotic mRNA Processing</b> in CSHL, NY
08/2009	<i>Nucleosome Positioning is a Determinant of Exon Recognition.</i> <b>AS-SIG of ISMB</b> in Stockholm, Sweden
08/2008	<i>Towards deciphering the splicing code : A subset of splicing regulator sequences with broad impact on splice site selection.</i> <b>Genome Informatics</b> in Hinxton, UK

## University & Employments

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2011	prevision : PhD defense in early spring
from 10/2005	research at the CRG with Prof. Roderic Guigó in Barcelona
10/2005	<b>Graduation : “Diplom der Informatik” (University of Karlsruhe)</b> grade : very good : 1.1 ( $opt=1.0$ ; $max_{pass}=4.0$ ) ; top 10% in class
08/2005-09/2005	employed by the “Proteomic Mass Spectrometry Group” Wellcome Trust Sanger Institute.
07/2005	<b>Graduation : “MSc of bioinformatics” (Université Joseph Fourier)</b> grade : very good (“mention très bien”, 2nd of ranking) <b>Graduation : “diplôme d’ingénieur” (Ecole Nationale Supérieure d’Informatique et des Mathématiques Appliquées de Grenoble (ENSIMAG))</b> grade : good (“mention bien”)
02/2005-08/2005	MSc project : <i>Interpretation of mass spectrometry data : A genomic approach</i> - Durbin research group, Sanger Institute.
04/2001-02/2005	<b>Double diploma studies (France-Germany)</b> of computer science : University of Karlsruhe, ENSIMAG and University Joseph Fourier
03/2000-03/2001	Interruption of studies due to civil service (see <a href="#">Civil Service</a> ) in Paris
09/1999-03/2000	1st semester of computer science at the Humboldt University in Berlin

## Tutoring & Project Supervision

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2007-2009 supervision of 2-months undergraduate projects ; topic : computational identification of selenoprotein-genes in protists

## Civil Service - alternative to military service

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03/2000-03/2001 Responsibility of stocks and organizing food distributions at the “Secours Populaire Français” in Paris

## High School

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June 1999 German high school diploma (Abitur)  
GPA : 1.5 ; (*opt*=1.0 ; *max<sub>pass</sub>*=4.0)  
1997-1999 Schadow high school, Berlin  
1996-1997 Junior year at St. Joseph Jr. - Sr. High School in Hilo, HI  
GPA : 4.0 (american grade system)  
1992-1996 Schadow high school, Berlin

## Modern Foreign Languages

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English **fluent** : lived and worked 18 months in US/UK ; 5 yrs. of research at CRG  
French **fluent** : lived, worked and studied during 3 years in France  
Spanish **fluent** : lived and worked 5 years in Barcelona, Spain  
Catalan **regular communication skills** : daily life and courses in Barcelona

## How I work

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Data Treatment Awk, Perl, Java (depending on complexity of the problem)  
Pipelines bash  
Stats&Plots R  
Occasionally C, Python and others

## Selected Courses

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09/2010 *Topics in High-dimensional Genetic Data Analysis*  
by Andrea S. Foulkes  
topics : **CARTs, Random Forests, Conditional Inference Trees**  
05/2010 *Advanced R Course (Curso de R avanzado)*  
by Juan R. González  
05/2010 *Fellowship writing for PhD & junior postdocs*  
by Michela Bertero & Bruna Vives  
05/2008 *Media Skills Workshop*  
by Eric May  
06/2006 *R Course for Basic Investigation (Curso de R en Investigación Básica)*  
by Juan R. González

## Non-Scientific Fields of Interest

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Sports Berlin-Marathon '98, running, soccer  
History, Politics I generally enjoy conversations about these topics very much.