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September 2010
Hans de Cock

IB Ph.D. training program & CV

All PhD students that receive further training within the **PhD program “Biomembranes”** of the Institute of Biomembranes have access to a number of specific courses that are organised by the IB. In addition, together with the supervisors the PhD student will make a specific training program. All educational activities will have to be registered in a CV by the PhD student. Your IB project leader will evaluate your CV regularly.

All PhD students will participate in the courses indicated below.

Participation in these events will be registered by the PhD student and awarded with points/ECTS.

Courses and credit points

Educational activity	Time/year	4 years	ECTS/4 years
IB course	2 weeks	2 weeks	3
Day of the Graduate students	1 day	4	1.5
IB seminar program	Average 35	140 h	5
IB evenings for Graduate students	7 evening	28	4
IB AIO retreat	2 days	8	3
IB Conference on Biomembranes	1 day	4	1.5
Total ECTS (IB courses) in 4 years			18

(1 week is 1.5 ECTS; 1 ECTS is 28 h)

By following **all** educational activities of the IB in 4 years a PhD student earns 18 ECTS. Additional points can be obtained from courses, conferences and summer schools as described in your Training and Supervision Agreement (TSA).

In addition, PhD students need to obtain 4 ECTS by following generic courses, these courses provide training in generic skills. More details are available at the web site of the Graduate school of Life Sciences under master & PhD programmes. ([GS-LS](#))

PhD training certificate of the Graduate School of Life Sciences

A minimum of 20 ECTS is required at the end of your PhD period to obtain this certificate. The GS-LS provides a certificate after evaluation of your CV. The complete procedure and form to apply for the certificate are available on the web site of the Graduate School of Life Sciences

Short description of the educational activities of the IB

1. IB course:

This course will introduce the participants in the field of biomembrane research. You will meet the IB groups working in this area. Via lectures and site visits you will get acquainted with both theoretical and practical approaches in the fields of biogenesis, translocation and sorting of proteins and lipids, vascular membrane biology, signal transduction and membrane proteins. One week lectures, one week preparation by studying papers to be discussed.

2. Day of the Graduate students

Special lectures presented by IB graduate students only. This day includes a workshop with renowned scientists that will participate in IB Conference on Biomembranes that precedes this meeting.

3. IB seminar program

Excellent series of seminar covering the complete area of biomembrane research. Seminars are set up for graduate students with a broad range in scientific background. These seminars provide theoretical background to the students as well as the possibility to learn the newest developments in the field from expert speakers.

4. IB AiO evenings

Informal scientific discussion evenings in which IB graduate students of the IB present their ongoing research and developments

5. IB AiO retreat

2 –days retreat for graduate students in biomembrane research organized by the graduate commission. The program includes a scientific part as well as a part that pays attention to career development.

6. IB Conference on Biomembranes

High profile conference with lectures from excellent scientists in biomembrane research. Students have the opportunity to meet and discuss scientific developments with these scientists

IB PhD evenings

Why:

It is a major goal of the IB graduate student discussion evenings (IB AIO-avonden) to stimulate scientific and social contacts between graduate students and post docs of the different research groups within the IB.

In general, the Ph.D. students will present their work at least twice in their research period, preferably at the start (present plans, approach, first results) and after 2 or 3 years (discuss research results).

It also provides graduate students a platform to practise the presentation of their research in an informal and relaxed environment.

How:

- The graduate student discussion evenings take place on certain prearranged dates (pg. 11) in the months October-May.
- Every evening is devoted to a combination of the four major research themes of the IB (pg. 9).
- Preferably three (max. four) graduate students will give a short presentation (approx. 30 minutes) of their research and discuss the following problems:
In what way will problems be approached, what is the ultimate goal, are there any specific problems, etc??
- The Ph.D. students will inscribe at start of the season and will provide the title of their contributions in time (preferably three weeks in advance) to the IB office (IB.decock@uu.nl).
- Approximately two weeks in advance, the programme will be announced on posters and on the IB web-site. (www.biomembranes.nl)
- One has to keep in mind that the presentation as such must be as **simple** as possible and it is not necessary to devote a great amount of time in preparing it. Pay **special attention to the introduction** when presenting during a general evening, the background of the audience differs to a larger extent.
- The evenings will be chaired by one of the PhD students who will encourage discussions. No senior staff will be present during the evenings.
- Presentations and discussions are preferably given in English.

Who:

- **All the IB graduate students** are summoned to participate. The IB council considers their participation ***obligatory***.
- Participants that like to join dinner, have to enter their name per email in time (at the latest Wednesday 13.00): A.J.Feitsma@uu.nl

When and Where:

- Graduate student discussion evenings take place on certain prearranged dates (pg. 11).
- Further on one can find the schedule for these evenings:

17.00 Gathering at restaurant

17.15 Start serving the evening meal. (Dinner is free for all participants/reservation required)

18.30 Go back to the H. Kruyt building.

19.00. Start presentations/discussions in room Z409 (H.R. Kruyt building).

21.00 Informal closing: drinks are organized by PhD committee

Important! After 18.30, the H.R. Kruyt building will only be accessible for persons with a specially programmed XS-card.

Projector and laptop are generally provided by the Ph.D. students from the Kruytbuilding. In case, the IB office can provide you with those (please reserve in time via h.decock@uu.nl).

The IB Research Themes

"Biogenesis, Translocation & Sorting" (BTS)

- Mechanisms of protein- and lipid-insertion in-, and translocation through membranes in prokaryotic and eukaryotic cells (included are cytoplasmatic- and outer-membranes, ER, mitochondria, or chloroplasts).
- Biogenesis of membrane-, secretion- and organelle-proteins (included are aspects like folding, co- and post-translational modifications, and the assembly in macro molecular complexes).
- Mechanisms of addressing, sorting, transport and translocation of proteins and lipids in the cell.

"Membrane proteins" (MP)

- Structural and topographic analysis of membrane-proteins/enzymes, by way of Röntgen-analysis, EM, and chemical- and genetic techniques;
- How do these proteins work (biochemical characterisation, ligand-binding sites, specificity);
- Regulation of membrane protein functions by way of membrane structure/-components (effects of membrane lipids/lipid-organisation on the activity of membrane enzymes and / or the characteristics of membrane proteins).

"Signal transduction" (ST)

Localisation and function of:

- Membrane-associated proteins like phospholipases, kinases, receptors and pore- and transport proteins.
- Signal transduction components, like ras, MAP-kinase, etc.
- Phospholipid transport proteins.
- Cell cycle regulation: cdk's, cyclines, etc.

"Vascular Membrane Biology" (VMB)

- Cardiovascular risk factors (hypertension, uremia) and endothelial cell function and the role of progenitor cells.

- Aging of the vessel wall and endothelial cells by way of genomics, proteomics, electron microscopy and cell biological techniques.
- Interaction between haemostatic proteins and cell surface receptors on platelets, blood cells and endothelial cells, implications for haemostasis and thrombosis.

Programme IB Graduate Student Evenings 2010-2011

The IB AiO committee is actively involved in the organisation of these evenings. They have the following responsibilities:

- Decide who will chair the evenings
- Complete the registration form (your presence) and sending to the IB office (h.decock@uu.nl)
- Provide evaluations of these evenings to the IB board
- Provide drinks

• Speakers of this season

Date	Speaker 1	Speaker 2	Speaker 3
21-10-2010	H. Aardema	Z. Anvarian	X. Li
18-11-2010	C. Burkhard	P. van Bentum	M.de Geest
09-12-2010	S. Gremme	M. Hagemeyer	V. Krouwer
10-02-2011	E. Berends	M. Mania	O. Wicht
10-03-2011	M. Sedek	T. Nespital	M. Noutsou
14-04-2011	Q. Wang	F. Putker	M. Quante
12-05-2011	A. Klarenbeek	F. Wang	R. van Vught

Procedures

Participants

- Graduate students, post docs and organisers who would like to partake of dinner, should inform the IB office before the Wednesday preceding the evening at 13.00 h (directly to: A.J.Feitsma@uu.nl).

In general / IB Office:

- The dates on which graduate student evenings will take place are chosen early and are passed on to the organisers and the IB graduate students. It is understood that all the participants will note these dates, so that it is unnecessary for the IB office to send them a reminder.
- The IB office (O502/W407 H.R. Kruyt building) will announce the upcoming graduate student discussion evening email and web site: (www.biomembranes.nl). To do this, it is important that the organisers send the necessary information to the IB office in time.
- The IB office will take care of the reservations for dinner.
- Dinner does not have to be paid right away; in stead, the bill will be send to the IB office directly, which will take care of its payment.
- Drinks for the informal closing afterwards is organised by the PhD committee.

Project leaders:

- The IB project leaders are expected to stimulate the active participation of their students in those evenings.

IB Graduate students & post docs (From August 31, 2010, onwards)

Name & e-mail	Standing since d/m/y	IB supervisor	Research theme	Presented at AiO evening
Graduate students				
Drs. M Aalberts (Marian) m.aalberts@uu.nl	Non-IB part. Grad. Stud. Since 15/12/'06	Stoorvogel	BTS MP	4/2009
MSc H Aardema (Hilde) h.aardema@uu.nl	Grad. Stud. Since 1/1/2007	Gadella	ST	
MSc. M. Ajat (<i>Mokrish</i>) m.ajat@uu.nl	Grad. Stud. Since 1/5/2007	Houweling	ST	5/2009
Drs. A. Almeida (<i>Ana</i>) a.almeidadasilva@umcutrecht.nl	Grad. Stud. Since 1/4/2007	Strous	BTS ST	12/2007 03/2010
MSc Z. Anvarian (<i>Zeinab</i>) z.anvarian@umcutrecht.nl	Grad. Stud. Since 10/4/2007	Maurice & Rüdiger	ST BTS	11/2008
Msc E. Berends (Elsa) e.berends@uu.nl	Grad. Stud. Since 1/9/2007	Wösten & Vermeer	MP BTS	3/2008
Msc C. de Bekker (<i>Charissa</i>) c.debekker@uu.nl	Grad.stud. since 01/11/2006	Wösten	MP	2/2009
MSc R-J. Bleichrodt (Robert-Jan) r.bleichrodt@uu.nl	Grad.stud. since 01/10/2007	Wösten	ST	5/2009
M.Sc. A. Boerke (<i>Arjan</i>) A.Boerke@uu.nl	Grad.stud. since 16/01/2006	Gadella	MP	11/2006 10/2010
MSC E.T.H. Burkard (Christine) Chr.burkard@gmail.com	Grad.stud. since 01/01/2010	B-J Bosch	MP	
Ir. P van Bentum (Paulien) p.t.vanbentum@uu.nl	Grad stud. Since 15/11/2009	Breukink	MP BTS	

M.Sc. C.H. De Smet (<i>Cedric</i>) c.h.desmet@uu.nl	Grad.stud. Since 01/02/'06	De Kroon	BTS	10/2006 10/2008
MSc R. de Vries (Robert) r.vries@uu.nl	Grad.stud. Since 01/11/'07	De Haan	MP	5/2009
MSc B. Dorresteijn (Bram) b.dorresteijn@uu.nl	Grad.stud. Since 01/12/'07	Verrips	BTS	2/2009
MSc J Doux (Jacques) j.p.f.doux@uu.nl	Non-IB Part. Grad. Stud. since 1/09/2006	Killian	MP	10/2009
MSc. E.D.R. Elstak (<i>Edo</i>) e.d.r.elstak@umcutrecht.nl	Grad. Stud. since 1/10/2006	Van der Sluijs	BTS	10/2008
MSC C Emmerson (Chris) c.d.emmerson@uu.nl	Grad. Stud. since 01/08/2008	Verrips	BTS MP	3/2009
MSc R. Galmes (Romain) r.galmes@umcutrecht.nl	Grad. Stud. since 01/02/2008	Klumperman	BTS	3/2009
Drs. M de Geest (Maarten) m.c.deGeest@uu.nl	Grad. Stud. since 01/12/2007	Boonstra	ST	12/2008
MSc A. Gorlani (Andrea) a.gorlani@uu.nl	Grad. Stud. since 01/01/2008	Verrips	BTS MP	4/2009
MSc S. Gremme (Sabine) s.gremme@uu.nl	Non-IB Part Grad. Stud. since 1/06/2009	Braakman	BTS MP	
MSc. M. Hagemeyer (<i>Marne</i>) m.c.hagemeyer@uu.nl	Grad. Stud. Since 1/2/2007	De Haan	BTS MP	5/2008
MSc, R Heukers (<i>Raimond</i>) r.heukers@uu.nl	Grad. Stud. Since 1/9/2009	Bergen en Henegouwen	MP ST	03/2010
Drs. H. Hoelen (<i>Hanneke</i>) H.M.Hoelen@uu.nl	Non-IB Part. Grad. Stud. Since 1/02/2006	Braakman	MP	

Drs. A. Klarenbeek (Alex) g.h.a.klarenbeek@uu.nl	Grad. Stud. Since 1/1/2010	Roobers	ST	
Drs. E. Kremer (<i>Erica</i>) e.c.e.kremer@uu.nl	Grad. Stud. since 01/1/2006	Killian	MP	4/2007 4/2010
MSc P. Krijgsheld (Pauline) p.krijgsheld@uu.nl	Grad. Stud. since 01/04/2008	Wösten	BTS	03/2009
MSc V. Krouwer (<i>Vincent</i>) v.j.d.krouwer@uu.nl	Grad. Stud. since 01/01/2007	Post	VMB MP	11/2008
MSc P Krumpochov (Petra) p.krumpochova@uu.nl	Grad. Stud. since 27/09/2010	Holthuis	MP ST	
Drs. M.A.Langereis (Martijn) m.a.langereis@uu.nl	Grad. Stud. since 1/9/2006	R de Groot	MP	5/2008
MSc X. li (Xin) x.li@uu.nl	Non-IB part. Grad. Stud. since 01/10/2009	Braakman	MP	
M.M. Mania (Marta) m.m.mania@uu.nl	Grad. Stud. since 01/01/2010	Bergen en Henegouwen	MP ST	
MSc E. Martinez (Emma) e.martinezsanchez@umcutrecht.nl	Grad. Stud. since 01/04/2008	Van der Sluijs	BTS	12/2008
MSc M. Sedek (Magdalena) msedek2@umcutrecht.nl	Grad. Stud. since 16/7/2007	Strous	BTS ST	2/2008
MSc. H.M.M. van Meel (<i>Eline</i>) h.m.m.vanmeel@umcutrecht.nl	Grad. Stud. since 1/07/2006	Klumperman	BTS	11/2007 02/2010
MSC R.J. Mesman (Rob) r.j.mesman@uu.nl	Grad. Stud. since 01/09/2008	Van Meer	BTS	11/2009
MSc T Michels (Tine) c.m.michels@uu.nl	Grad. Stud. since 27/09/2010	de Kroon	BTS	

Drs. T. Rutters-Meijneke (<i>Tania</i>) t.meijneke@uu.nl	Non-IB Part. Grad. Stud. Since 1/10/2005	Killian	MP	12/2006
Drs. T. Nespital (<i>Tobias</i>) t.nespital@umcutrecht.nl	Grad. Stud. Since 1/6/2007	Strous	BTS ST	4/2008
MSc M.Noutsou (Maria) m.noutsou@umcutrecht.nl	Grad. Stud. since 15/08/2007	Maurice & Rüdiger	ST BTS	11/2008
MSc M.M.I. Paalanen (Milla) m.m.i.paalanen@uu.nl	Grad. Stud. since 1/09/2007	Boonstra	ST MP	12/2007 02/2010
MSc Panatala Narendranath (Radhakrishnan) r.panatalanarendranath@uu.nl	Grad. Stud. since 1/10/2008	Holthuis	MP BTS	12/2009
MSc A. Pandey (Abhinav) a.pandey@uu.nl	Grad. Stud. since 1/05/2010	Braakman	BTS MP	
MSc H. Hennrich (Hanka) h.paulitschke@uu.nl	Grad. Stud. since 1/01/2008	Holthuis	MP BTS	12/2008
MSc M. Pols (Maaike) M.S.Pols-2@umcutrecht.nl	Grad. Stud. since 15/10/2007	Klumperman	BTS	2/2009
MSc. F.M. Putker (Florian) f.m.putker@uu.nl	Grad. Stud. since 1/2/2010	Tommassen	MP BTS	
MSc M Quandte (Matthias) m.quandte@uu.nl	Non-IB part. Grad. Stud. since 01/10/2009	Braakman	MP BTS	
MSc E. Rieter (<i>Ester</i>) e.m.rieter@umcutrecht.nl	Grad. Stud. since 01/09/2008	Reggiori	BTS MP	11/2009
MSc J. Schaefer (Johanna) j.m.schaefer@uu.nl	Grad. stud. since 01/11/2008	Helms	BTS ST	11/2009

MSc J.A. Slotman (Johan) j.a.slotman@umcutrecht.nl	Grad. Stud. since 15/01/2007	Strous	BTS ST	12/2007 05/2010
Drs. D. Stork (<i>Diana</i>) d.stork@uu.nl	Grad. Stud. since 1/4/2006	Breukink	MP BTS	11/2007
MSc. N.M. Strokappe (Nikka) n.m.strokappe@uu.nl	Grad. Stud. since 1/8/2008	Verrips	MP	04/2010
Drs. D. Tauriello (<i>Daniele</i>) d.v.f.tauriello@umcutrecht.nl	Grad. Stud. since 15/5/2006	Maurice	ST BTS	10/2006 05/2010
Drs. N. Testerink (Nicole) n.testerink@uu.nl	Non-IB-Part. 1/1/2006	Helms	BTS	02/2007 03/2010
Drs. P.S. Tsai (<i>Pei-Shiue</i>) p.s.tsai@uu.nl	Non-IB-Part. 01/9/2006	Gadella	ST	12/2007 12/2009
Drs. M Ulasli (<i>Mustafa</i>) m.ulasli@umcutrecht.nl	Grad. Stud. since 26/3/2007	Reggiori	BTS MP	10/2007 04/2010
MSc. A. Van der Vaart (<i>Aniek</i>) a.vandervaart-2@umcutrecht.nl	Grad. Stud. Since 18/9/2006	Reggiori	BTS	4/2008
M.Sc. A.M. Vacaru-Hentes (Ana) A.M.Vacaru@uu.nl	Grad. Stud. since 1/07/2005	Holthuis	BTS	5/2008
MSc J. van Veluw (Jerre) g.j.vanveluw@uu.nl	Grad. Stud. since 1/01/2008	Wösten	BTS	5/2009
M.Sc. M. Vogels (<i>Mijke</i>) m.w.vogels@uu.nl	Grad. Stud. since 15/09/2009	Helms & de Haan	BTS	04/2006 02/2010
R. van Vught (Remko) r.vanvught@uu.nl	Grad. Stud. Since 05/2006	Breukink	ST MP	
MSc F Wang (Fengfeng) f.wang@uu.nl	Grad. Stud. Since 07/2009	Wösten	BTS	
MSc Q Wang (Quishi) q.wang@uu.nl	Grad. Stud. Since 12/2009	B-J Bosch	MP	
MSc O Wicht (Oliver) o.wicht@uu.nl	Grad. Stud. Since 1/09/2009	B-J Bosch	BTS MP	

Msc. T. Wyatt (Timon) t.wyatt@cbs.knaw.nl	Grad. Stud. Since 17/11/2008	Wösten	BTS MP	05/2010
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Post docs

<i>Dr. M.P. Bos (marine)</i> <i>m.p.bos@uu.nl</i>	<i>Post-doc since</i> <i>1/04/2010</i>	<i>Tommassen</i>	<i>BTS</i>
<i>Dr. S. Bryde (Susanne)</i> <i>s.bryde@uu.nl</i>	<i>Post-doc since</i> <i>1/05/2005</i>	<i>De kroon</i>	<i>MP</i>
<i>Dr. E. Cebollero (Eduardo)</i> <i>e.cebollero@umcutrecht.nl</i>	<i>Post-doc since</i> <i>1/05/2008</i>	<i>Reggiori</i>	<i>BTS</i> <i>MP</i>
<i>Dr. J. Gent (Jürgen)</i> <i>j.c.m.gent@uu.nl</i>	<i>Post-doc since</i> <i>1/10/2009</i>	<i>Braakman</i>	<i>BTS</i> <i>MP</i>
<i>Dr. M. El Khattabi (Mohamed)</i> <i>m.elkhattabi@uu.nl</i>	<i>Post-doc since</i> <i>01/08/2004</i>	<i>Bergen en</i> <i>Henegouwen</i>	<i>VMB</i>
<i>Dr. E.H.P. Hekking (Liesbeth)</i> <i>e.h.p.hekking@uu.nl</i>	<i>Post-doc since</i> <i>01/05/2004</i>	<i>Post</i>	<i>VMB</i>
<i>Dr. M.J. Hollestelle (Martine)</i> <i>m.j.hollestelle@umcutrecht.nl</i>	<i>Post-doc since</i> <i>1/3/2007</i>	<i>F de groot</i>	<i>VMB</i>
<i>Dr. V. Ivan (Viorica)</i> <i>V.Ivan@umcutrecht.nl</i>	<i>Post-doc since</i> <i>1/07/2006</i>	<i>Rabouille</i>	<i>BTS</i>
<i>Dr. D.V. Kaloyanova (Dora)</i> <i>d.v.kaloyanova@uu.nl</i>	<i>Post-doc since</i> <i>01-09-2002</i>	<i>Helms</i>	<i>BTS</i> <i>ST</i>
<i>Dr. M. Mari (Muriel)</i> <i>M.Mari@umcutrecht.nl</i>	<i>Post-doc since</i> <i>1/8/2003</i>	<i>Reggiori</i>	<i>MP</i> <i>BTS</i>
<i>Dr. M. Kol (Matthijs)</i> <i>m.a.kol@uu.nl</i>	<i>Post-doc since</i> <i>01-03-2008</i>	<i>De Kroon</i>	<i>MP</i> <i>BTS</i>

<i>Dr. T. Mohammadi (Tami)</i> <i>t.mohammadi@uu.nl</i>	<i>Non-IB Part.</i> <i>Post-doc since</i> <i>1/08/'08</i>	<i>Breukink</i>	<i>MP</i>
<i>R. van Leeuwen (Richard)</i> <i>r.vanleeuwen@cbs.knaw.nl</i>	<i>Post doc since</i> <i>16/11/2009</i>	<i>Wösten</i>	<i>BTS</i> <i>MP</i>
<i>Dr. M. Otsu (Mieko)</i> <i>m.otsu@uu.nl</i>	<i>Non-IB Part.</i> <i>Post-doc since</i> <i>17/2007</i>	<i>Braakman</i>	<i>BTS</i>
<i>Dr. M Stork (Michiel)</i> <i>m.stork@uu.nl</i>	<i>Post doc since</i> <i>1.9-2010</i>	<i>Tommassen</i>	<i>BTS</i>
<i>Dr. J. Stam (Jord)</i> <i>j.c.stam@uu.nl</i>	<i>Post-doc since</i> <i>01/01/2010</i>	<i>Verrips</i>	<i>MP</i> <i>BTS</i>
<i>Dr. Y.M.te Welscher (Yvonne)</i> <i>y.m.teWelscher@uu.nl</i>	<i>Post doc since</i> <i>1/1/2009</i>	<i>Breukink</i>	<i>BTS</i> <i>MP</i>
<i>Dr. I Monastyrska (Iryna)</i> <i>i.monastyrska@uu.nl</i>	<i>Post doc since</i> <i>1/5/2010</i>	<i>De Haan</i>	<i>BTS</i> <i>MP</i>
<i>Dr. I. Jordens (Ingrid)</i> <i>i.jordens@umcutrecht.nl</i>	<i>Post doc since</i> <i>8-9-2010</i>	<i>Maurice</i>	<i>BTS</i> <i>ST</i>